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Catalogueary

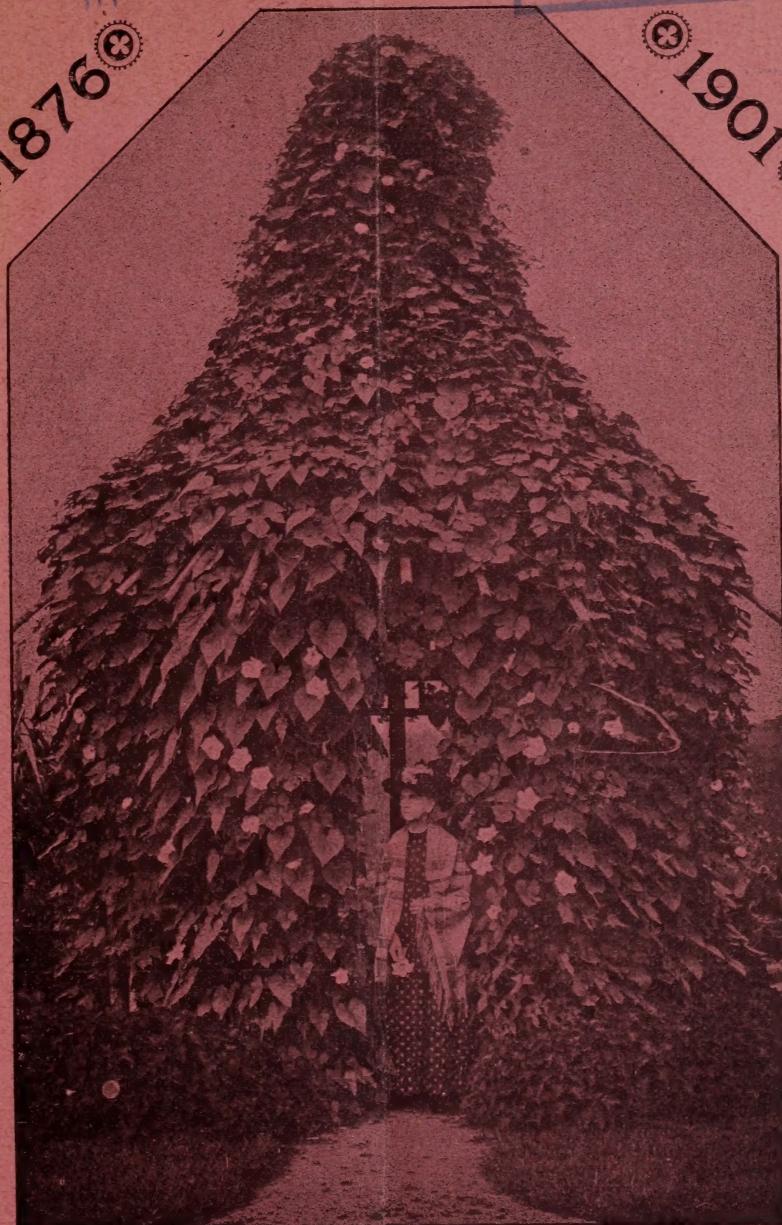
GOODELL'S

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SEED CATALOG

L. W. GOODELL, PANSY PARK, DWIGHT, MASS.

25TH ANNIVERSARY PRESENTS.

FOUR CHOICE NOVELTIES FREE.

I will send the four new and choice varieties described on this page *free* with every order for seeds received this season, provided it amounts to 25 cents or more and the check below is cut off and returned with the order. Although the seeds of these new varieties are quite expensive, each packet will contain from fifty to one hundred seeds.



NEW LARGE-FLOWERED CANDYTUFT.

QUEEN OF ITALY.

This new Candytuft is one of the most beautiful of all varieties for borders or bedding. The plants are dwarf and compact and very free blooming as shown in the engraving. The flowers are very large and of a lovely shade of pink. Packet, 20 cents.



NEW SWEET MIGNONETTE.

SILVER WHITE.

Seed growers have been trying for many years to produce a pure white Mignonette, that has large flowers and is sweet scented, and this is the best white-flowered variety produced to date. The plants are of vigorous bushy growth and the long tapering spikes of large white flowers are freely produced all summer and until late in fall. The fragrance is very strong and delicious and it is one of the best varieties of any color for pot or garden culture. Packet, 15 cents.



NEW OSTRICH FEATHER ASTER.

This new Aster belongs to the Comet class. The plants are strong and branching and the flowers which are on long stems are of immense size—5 to 6 inches in diameter—with remarkably long and narrow petals which are very gracefully curled and twisted. Six colors mixed—white, crimson, light blue, pink, lilac and bright rose—per packet, 20 cents.



NEW JAPANESE PINK.

SALMON KING.

Japanese Pinks are among the most popular of garden flowers and this is the first double variety with pink flowers. Its beautiful, large and finely fringed double flowers are of a brilliant salmon color changing to salmony pink when they begin to fade. The plants attain a height of 10 to 12 inches and are as free blooming as the other varieties of Japan Pinks. Packet, 20 cents.

CHECK

This check is good for four packets of new and choice seeds, CANDYTUFT, QUEEN OF ITALY, SWEET MIGNONETTE, SILVER WHITE, ASTER, OSTRICH FEATHER and DOUBLE JAPAN PINK, SALMON KING, if returned before July 1st, 1901, with an order for seeds from this catalog amounting to twenty-five cents or more.

PANSY PARK,
DWIGHT, MASS.

Lew Goodell

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS.

On this and the following pages will be found, besides the novelties of this year, the best of the introductions of the past few years and the unequalled strains of Pansies, Phlox, Balsams, Verbenas, Hollyhocks, etc., which are my leading specialties, and to the improvements of which I have devoted much time and attention for many years in order to bring them to their present state of perfection.



MOUNTAIN BEAUTY

in growth, producing abundantly during May and June large and elegantly shaped flowers with spurs 2 to 3 inches long and being borne well above the foliage have a most charming effect. The flowers being so light, airy and graceful will be much esteemed for cutting. Packet, 15 cents.

AQUILEGIA CHRYSANTHA, fl.-pl. A very pretty double variety of this beautiful Columbine with double and semi-double golden yellow flowers. Packet, 25 cents.

ANTIRHINUM, New Dwarf, Golden-leaved, "Sunlight." A new variety of the dwarf Snapdragon with yellow leaves, the flowers white striped with carmine. Packet, 25 cents.

ANTIRRHINUM, New Dwarf, Black Prince. A fine variety for beds. The foliage is very dark and the flowers of a deep blackish purple color. Packet, 10 cents.

ANTIRRHINUM, New Dwarf, Golden Queen. An elegant sort of a pure yellow color. Packet, 10 cents.

ANTIRRHINUM MAJUS, Fairy Queen. An exceedingly beautiful tall Snapdragon; flowers golden orange, fiery rose and white, a new combination of colors. Packet, 10 cents.

ANTIRRHINUM MAJUS, Romeo. Another remarkable variety of the tall class, with large flowers of a deep rose color. Packet 10 cents.

ARCTOTIS grandis. A remarkably handsome new annual from South-west Africa, growing 2 feet or more in height and profusely branched. The flowers are 2½ to 3 inches across, white with a yellow center and are borne on long stems in abundance from early summer to autumn. Packet, 25 cents.

ARDISIA CRENULATA. (*Christmas Berries*.) A valuable and highly ornamental pot plant from Japan. The plants are bushy with leathery leaves. The flowers are small, white and sweet scented, followed by large clusters of bright red shining berries which ripen in the fall and remain hanging on the plants all winter and often all the following summer. Packet, 10 cents.

ASPERULA setosa alba. A new variety of the hardy annual Woodruff with pure white flowers. Packet, 25 cents.

CUPHEA eminens (*Giant Cigar Plant*.) A fine pot or bedding plant 18 inches tall with spikes of scarlet flowers, tipped gold and green. Packet, 10 cents.

THE MOUNTAIN BEAUTY. *ANTIGONON LEPTOPUS*.

This is one of the rarest and one of the most beautiful climbing vines ever seen. It resembles in its manner of growth and enormous clusters of flowers the Wistaria. The flowers are of a bright carmine rose color and borne in great profusion. An established plant covered with its large clusters of gorgeous flowers is a grand sight. It is a rapid grower and succeeds in any soil or situation, and will no doubt, become very popular for covering posts, trellises, fences, verandas and buildings. It has proven perfectly hardy in Pennsylvania with some protection and it is such a magnificent vine that it should be tried everywhere. Where the winters are very severe the vines can be laid on the ground and both roots and vines easily protected with leaves or straw. It is easily grown from seed. In order to induce my customers to give it a trial I have placed the price very low. Packet, 5 cents.

NEW HYBRID AQUILEGIAS. These new hybrid Aquilegias or Columbines far surpass all other varieties in elegance and beauty. They comprise many pleasing shades and combinations and the most effective and striking contrast of colors in the same flowers. The colors range through all the shades, lavender, blue, mauve, white, yellow, orange, scarlet and bright rose pink. The plants are perfectly hardy, vigorous and state-

ly in growth, producing abundantly during May and June large and elegantly shaped flowers with spurs 2 to 3 inches long and being borne well above the foliage have a most charming effect. The flowers being so light, airy and graceful will be much esteemed for cutting. Packet, 15 cents.

NEW LARGE-FLOWERED CANDYTUFT.

A new strain of Candytuft that far surpasses the old varieties, the heads of flowers and the individual florets being double the size while the variety of colors is remarkable, embracing about a dozen shades such as light pink, deep rose, lavender, bright crimson, salmon, flesh color, light blue, heliotrope striped white, violet, etc. The plants are dwarf and compact and they remain in bloom much longer than the old Candytuft, making an exceedingly pretty bed. Packet, 10 cents.

CANDYTUFT. Giant Hyacinth-flowered. Is the largest and finest variety of white Candytuft yet produced. The plants grow over a foot in height, with a number of strong branches, each bearing a spike of flowers which is about six inches long by two and a half inches in diameter, and the individual florets are nearly double the size of the common Candytuft and of the purest white. Packet, 10 cents.

CHRYSANTHEMUM segetum, Gloria. A superb new annual variety with immense flowers 3 to 4 inches across, of a primrose yellow color with a golden yellow centre. Blooms freely all summer and fall and the flowers remain in perfection a long time when cut. Packet, 10 cents.

CHRYSANTHEMUM viscosum. A new annual from Africa, about two feet tall, bearing hundreds of large single sulphur yellow flowers with orange centers. Packet, 10 cents.

CHRYSANTHEMUM maximum, Princess Henry. A magnificent new variety of this hardy perennial. The plant is of bushy growth and bears a great number of pure white daisy-like flowers 4 inches across on long stems. Packet, 25 cents.

COSMOS, Klondike. This new golden yellow variety while it does not flower so early as claimed for it by the introducer, is a fine sort for latitudes south of New York. Packet, 10 cents.

COSMOS, Pink Butterfly. A magnificent new variety, 4 or 5 inches across, of the richest shade of pink, with a ring of maroon in the center. The finest pink variety ever offered. Packet, 10 cents.



ASTER, QUEEN OF SPRING.

NEW ASTERS.

Queen of Spring. A new class which has proved one of the best and most desirable ever introduced, blooming three weeks earlier than any other. The plants are strong and branching with large flowers resembling chrysanthemums, and as they are borne on long stems they are particularly fine for cutting. Plants from seed sown in March begin to flower in June and are in full bloom in July. White, rose and blood-red, mixed colors, packet 10 cents.

California Giant Branching Comet. These bear very large double flowers, on strong branching plants nearly two feet tall and are a fine addition to the Comet class. Four colors mixed, 10 cents per packet.

Daybreak. A new sort of American origin and one of the finest. The flowers are large and double with incurved petals of a rare tint of rosy shell-pink. The plants are about two feet high, bushy and branching, the flowers borne on long stiff stems. Packet, 15 cents.

Christmas Tree Aster. This variety has long horizontal branches from the ground up, like a tree. The flowers are double and very freely produced. Four colors mixed, 10 cents per packet.

Upright White Branching. The plants of this variety grow about 30 inches tall, each plant bearing 20 to 25 large, double, pure white flowers of the Semple type on stems from 20 to 24 inches long. Packet, 10 cents.

Phoenix, Little Maid. A new class similar to the Victoria in habit with large, long-stemmed flowers which are white slightly tinged with pink. Packet, 25 cents.

Imbrique Pompon, Brilliant Purple. A strikingly dark color of this beautiful class, so useful for cutting. Packet, 25 cents.

Gloria. A very pretty dwarf variety about 10 inches tall, of branching habit. The flowers are very double and freely produced; white with a bright scarlet margin. Packet, 25 cts.

Erfordia. A singular new class of pillar-like growth, about 20 to 24 inches tall, the flowers of medium size and of a fiery rose color. Packet, 25 cents.

THE CHINESE TEA PLANT.

CAMELLIA THEIFERA. This is a great curiosity to most people, and aside from its novelty, it makes a beautiful pot plant for house or window culture, and is as easily grown as a Geranium. It is an evergreen shrub two to four feet tall with glossy leaves bearing from November to spring pure white flowers two inches across, each flower with an abundance of golden tipped stamens. It is hardy in the Gulf States and is now being grown quite extensively there for commercial purposes. It begins to flower when small and is easily grown from seeds. Seeds per packet, 10 cents.

CALIFORNIA POPPY, The Golden West. The flowers of this grand new variety measure from 3 to 6 inches in diameter, and have very large overlapping petals. They are of various forms, some flat, some cup-shaped, others very deep with flaring edges. They are of a light canary yellow color with an orange center. Packet, 10 cents.

CALIFORNIA POPPY, Rosy Morn. A novelty of great merit which will win admiration and praise wherever cultivated. It produces flowers of a color and form hitherto unknown in the Escholtzias. The rosy white petals are delicately channelled with tiny folds radiating from the center, and richly adorned with a soft primrose-yellow hue. Packet, 10 cents.

CALIFORNIA POPPY, Rose Carmine. Another new variety, of a rich rose color and compact growth, showing up its flowers far better than the old varieties of loose habit. Packet, 20 cents.

CAMPANULA mirabilis. A beautiful new free-flowering species of the hardy perennial Bell flower discovered by Mr. Alboff, the botanist, in the Caucasus. The plant is densely branched from the bottom and forms a low pyramidal bush 2 feet in diameter, garnished with leathery leaves and a great number of large pale blue or lilac flowers, often having a hundred open at once. Packet, 10 cts.

DELPHINIUM dictyocarpum. A new perennial Larkspur from Siberia, about $2\frac{1}{2}$ feet tall, producing beautiful dense spikes of magnificent ultra-marine blue flowers. Packet, 25 cents.

DELPHINIUM, Blue Butterfly. A new annual Larkspur of dwarf compact branching habit, about a foot tall, bearing the largest flowers ever seen in a Larkspur. Its color is of the intensest blue yet found in any flower, defying the artist's skill to reproduce. It is perfectly hardy and succeeds in any good soil. Packet, 10 cents.

DELPHINIUM sulphureum. One of the most beautiful hardy perennials, growing 4 feet tall with spikes of sulphur yellow flowers resembling the finest Orchids. Packet, 10 cents.

DELPHINIUM speciosum. This although not new is such a magnificent and desirable species of the Perennial Larkspur that I include it here. It grows up to 7 feet in height and bears large spikes of bright blue flowers. Packet, 10 cents.

DELPHINIUM, New Large-flowering hybrids. These grow 4 to 5 feet tall and bear large spikes of flowers which vary in color from white to lavender and from soft azure to a rich indigo blue. Packet, 10 cents.

ERIGERON aurantiacus hybridus. Attractive new hybrids of the "Orange Daisy," one of the earliest flowering perennials. These new hybrids bear numerous flowers, $1\frac{1}{2}$ inches across on stems a foot tall, which vary in color from white to rose and from yellow to light and deep orange. Packet, 25 cents.

ASPARAGUS SPRENGERI.

(Emerald Feather.)



An elegant new pot or basket plant, with long graceful, drooping sprays of finely divided light green foliage. It is of very rapid growth and flourishes in sun or shade, and withstands the dry atmosphere of

dwelling houses remarkably well. The fronds are frequently four feet long and when cut will keep in water three or four weeks. Packet, 10 cents.

ASPARAGUS plumosus, (Lace Fern.) A beautiful house plant with finely divided fern-like foliage. It may be grown in bush form, or it will climb many feet and can be trained all around a window. This is now very much used by florists for floral decorations in place of smilax. Packet, 15 cents.

ASPARAGUS verticillatus. A rare and beautiful hardy climbing plant with fern-like foliage. It will climb 10 or 12 feet and is very ornamental when covered with its bright scarlet berries. Packet, 10 cents.

NIEREMBERGIA frutescens atraviolacea. A remarkable pretty annual either for pot culture or bedding. The plants are of low trailing habit and flower freely all summer; flowers large, salver shaped and of a dark violet color. Packet, 10 cents.

PAPAVER nudicaule striatum. (Striped Iceland Poppies.) The striped flowers of this new variety of the popular Iceland Poppies are very pretty. The more or less broad stripes of golden yellow form a striking contrast with the bright orange red ground color. Packet, 10 cents.

PAPAVER Rhoeas nanum (Dwarf Shirley Poppies.) Handsome dwarf varieties of the Shirley Poppy and of all the varied and pleasing colors of the tall variety. Packet, 25 cents.

PRYRETHRUM roseum grandiflorum. One of the most valued of the hardy perennials is the Pryrethrum with its Daisy-like flowers of every shade of red from the most delicate pink to darkest crimson, and this new strain with flowers 3 to 4 inches across will please all who cultivate perennials for cutting. Packet, 25 cents.

PERENNIAL PEA, Pink Beauty. This novelty is an important addition to the few kinds of hardy perennial climbers. The trusses and flowers are larger than in the old white and red sorts and of a new color, a delicately shaded pink on the standard, the wings of a rich shade of deep pink. Packet, 10 cents.

PALM (*Washingtonia filifera*.) This is often called the Weeping Palm on account of the numerous thread-like filaments which fringe the leaves. It is one of the best and easiest grown of all varieties. Soak the seed several days in quite warm water before sowing and keep moist and in a warm place till it germinates. Packet, 5 cents.

PATRINIA hispida. A new hardy perennial from Siberia, attaining a height of about 15 inches and bearing deep yellow flowers in very large numbers. 25 cents per packet.

NEW JAPANESE PINKS.

DIANTHUS Heddewigi diadematus albus fl.-pl. (Double, White-ground Diadem Pinks.) This is one of the finest and most distinct of all the varieties of Japan Pinks. The large double flowers are hieroglyphically edged and marbled rose, lilac, purple, carmine and blood-red on pure white in the most beautiful fashion, strongly resembling the finest Scotch Pinks. Packet, 10 cents.

Queen of Holland. Very large, single, white flowers. Packet, 10 cents.

Stellaris. A new and singular class with narrow petalled star-like flowers of various colors. Packet, 10 cents.

Stellaris fl.-pl. (Double Star Pinks.) Fine double variety of this new class of all the colors of the single sorts. Packet, 25 cents.

Hedewigi nobilis, (Royal Pinks.) Selected and improved varieties of the single Hedewigi Pinks, producing flowers 3 to 4 inches across of quite a new shape. The petals are somewhat undulated and twisted, each petal covering half of the other, and beautifully fringed or lacinated. The colors vary from white to dark red. Packet, 25 cents.

Salmon Queen. A distinct departure in coloring from the older sorts. The flowers are large, deeply fringed and of a brilliant salmon pink, an entirely new color in these pinks. The plants are ten or twelve inches tall, very compact and free blooming. Its distinct character is also well shown in its seeds which are smaller than other varieties and almost white instead of black. Packet, 10 cents.

Snowball. Large double pure white flowers of perfect form.

Fireball. Large, very double flowers of a rich and brilliant velvety red. Packet, 10 cents.

Midnight. A very distinct variety, the large double flowers being of a rich deep velvety maroon color, almost black. The darkest colored variety of all the Japanese Pinks. Packet, 10 cents.

Fairy Queen. An elegant variety with large finely fringed flowers of a delicate salmony rose shading off to white toward the margin. Packet, 10 cents.

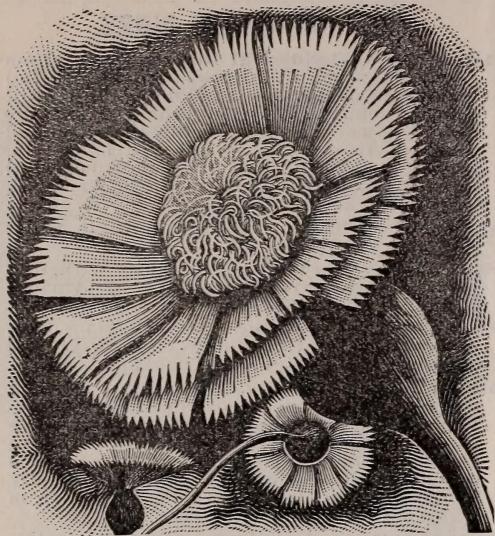
NEW HARDY PINKS, Cyclops. A magnificent new strain of the fragrant hardy Scotch or Clove Pinks of a remarkable variety of colors which include delicate rose, pink, copper color, salmon, wine red, white, crimson, etc., with an eye-like zone of blood-red. The flowers are about 2 inches across, many of them double and semi-double, have a clove-like perfume and are borne in profusion all summer. They often bloom the first season if seed is sown early. All colors mixed, packet, 15 cents.

DIANTHUS, Giant Marguerite Carnation Sulphur Yellow. A new color in these popular Pinks, a pleasing sulphur yellow. Packet, 15 cents.

NEW FAIRY ROSES.

These new Multiflora or Fairy Roses are easily grown from seeds, beginning to bloom within three or four months from sowing the seed. The flowers are small growing in clusters on bushy little plants. Some will be double, some semi-double and some single, varying in color from white to rose or pink. Packet, 10 cents.

GAILLARDIA grandiflora. These new varieties of Gaillardia here offered are among the most showy and valuable of hardy perennials. They grow about two feet tall, bearing on long stems large flowers from 2 to 3 inches across in abundance all summer. They are of rich and striking colors, such as dazzling crimson with gold edge, salmon and various shades of red and yellow. Newest varieties in splendid mixture, 10 cents per packet.



NEW GIANT IMPERIAL CENTAUREAS.

(*Centaurea imperialis.*)

These new Imperial Giant Sweet Sultans have proved among the finest introductions of late years. The plants are of strong bushy form, 3 to 4 feet tall and bear freely very large sweet-scented flowers on long stems which keep a week or more when cut. The colors vary from pure white through shades of red from pink to crimson and through blues from silvery lilac to royal purple. It makes a beautiful bed and cannot be too highly recommended. Packet, 10 cents.

CENTAUREA Americana alba. A very showy variety growing two or three feet tall with beautiful double fluffy white flowers three inches across on very long stems, which last for many days when cut. It is in flower for a long time and is as showy for beds or borders as Aster. Packet, 10 cents.

SUPERB DOUBLE HOLLYHOCKS. The Double Hollyhock is the most showy of the hardy perennials and the strain here offered can be recommended as the finest extant. The flowers are of the largest size, perfectly double, and range in color from pure white to deepest crimson. Seeds should be sown as early as June first, in this latitude. Set the plants two or three feet apart in a bed a little elevated above the surrounding surface so that they will keep dry in winter. Cover with a few leaves or evergreen boughs late in the fall. Sixteen colors—pure white, dark crimson, dark pink, light buff and purple tinged lilac, salmon rose, canary yellow, violet tinged with cream, light flesh color, crimson flaked with salmon, brown shaded and tipped with lilac, cream color and purple shaded lilac, buff yellow, purple, rose, sulphur yellow, scarlet, maroon, black—all in splendid mixture. Per packet, 15 cents; two packets for 25 cents.

NEW MAMMOTH HOLLYHOCK, Allegheny. This new Hollyhock differs from the old variety in having much larger flowers which are semi-double and seldom less than five and often six or seven inches across; and in the elegantly fringed petals which look as if they were made up of crushed silk. It may be called a perpetual bloomer for it grows and branches freely all summer. Mixed colors, 10 cents per packet.

PHYGELIUS capensis. (*Cape Fuchsia.*) A very fine hardy perennial two feet tall bearing from 10 to 20 long spikes completely covered with showy scarlet, drooping flowers from May to fall. Packet, 10 cents.

CALENDULA officinalis fl. pl. Favorite. A fine variety of the popular Calendula with very double flowers of a light sulphur striped with creamy white. Packet, 10 cents.

COLEUS, New Large-Leaved. A new strain of Coleus with very large leaves curled and serrated in the most beautiful manner and of a wonderful variety of rich and brilliant colors and markings. The plants are very vigorous and healthy and are easily raised from seeds which should be sown in boxes under glass or in the house. Mixed varieties, per packet 15 cents, two for 25 cents.

CHINESE LANTERN PLANT. (*Physalis Franchetii.*) A very ornamental hardy perennial plant growing about 18 inches in height. It bears fruit of a bright scarlet color when ripe and about the size of large cherries. These are enclosed in curious inflated calyxes which are 2 to 2½ inches in diameter and of an orange color. The shoots can be cut and dried and kept all winter, loosing but little of their bright color. Packet, 5 cents.

ECHINOCISTIS lobata. This although not a new plant is such a rapid growing and useful climbing plant, the seeds of which are so often called for that I catalog it here. It is sometimes called Wild Cucumber, although it bears but slight resemblance to the common cucumber. It has ivy-like foliage, climbs to a height of 15 to 25 feet, branching in all directions, and is covered with a cloud of feathery white flowers which are followed by an abundance of curious seed vessels about ½ inches in diameter and covered with numerous spine-like protuberances, making them very ornamental. Packet, 5 cents.

INCARVILLEA variabilis. A new perennial plant of bushy habit with long slender branches which are covered with pink flowers. If sown early it will flower the first season. Packet, 10 cents.

INCARVILLEA Delavayi (*Pride of China.*) A magnificent new variety from China, bearing clusters of large flowers on stems two feet long, similar to Gloxinias, of a rosy carmine color, blotched with yellow and brown at the base. It is highly praised by the European horticultural papers, several of which have illustrated it in colors. Packet, 15 cents.

LOBELIA, Bedding Queen. Lobelias are among the most beautiful and easiest grown of bedding and pot plants and this is one of the finest of the dwarf sorts. The plants form compact little bushes which are completely covered with large flowers of the deepest purple with a white eye. It is the best variety for pots or bedding and blooms until late in the fall. Packet, 10 cents.

LOBELIA, Red White and Blue. Another new sort having the remarkable color combination of red, white and blue, almost unique among flowers. Packet, 10 cents.

LARGE FLOWERING MORNING GLORY, Rochester. This new sort is remarkable for the large size and new color of the flowers. The vines climb 12 to 20 feet high with magnificent foliage, the leaves measuring from 8 to 10 inches across. Flowers 4 to 6 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edge. The flowers form in clusters of from 3 to 5 from the ground to the top of the vines. Packet, 10 cts.

LUPINUS arboreus, Snow Queen. This new variety of the Tree Lupine is one of the grandest of hardy perennial plants, forming dense bushes 4 feet high, completely covered in early summer from the ground up with racemes of snow white pea-shaped flowers. Packet, 10 cents.

TREE SUNFLOWER. Although a sunflower, this is really a magnificent plant, growing in rich soil 12 to 15 feet tall, in beautiful tree-like, pyramidal form, branching from the ground up, and bearing hundreds of flowers which are four or five inches across. Packet, 5 cents.



NEW CLIMBING NASTURTIUMS.

Hybrids of Madam Gunter. These new hybrid Tropaeolums are the finest of all the climbing varieties, the colors being very brilliant, rich and varied, among which are shades of rose, salmon, brightest red, yellow, white shaded carmine on the edges with deep maroon throat, golden yellow shading brown on the edges, yellow shaded and mottled with carmine, white with red blotches, shrimp pink with deep maroon throat, orange, etc. Mixed varieties per packet, 5 cents; 4 packets for 15 cents.

Sunlight. This beautiful new variety bears rich golden yellow flowers measuring nearly three inches across with very wide round petals and borne so profusely as to nearly conceal the leaves. It is a splendid climber and its glowing color makes it wonderfully effective. Packet, 5 cents.

Moonlight. This is like Sunlight except in color which is a pale straw color. Packet, 5 cents.

Chameleon. This elegant new variety bears flowers of different colors on the same plant, some being self colors, others variously blotched, splashed, striped and bordered with dark and light colors. The contrast produced by these variously colored flowers on the same plants having a most charming effect. Packet, 10 cents; 2 packets for 15 cents.

Prince Henry. Bright yellow, marbled with brilliant scarlet. Packet, 5 cents.

Princess Victoria Louise. Decidedly one of the finest and most effective kinds of climbing Nasturtiums. The large flowers are creamy white with orange-scarlet blotches at the base of each petal and orange red calyx and spur. They sometimes also have a red margin. Packet, 10 cents; 4 for 30 cents.

Primrose. Flowers yellowish white with brown spots, foliage bluish green. Packet, 10 cents.

Firefly. Flowers deep orange spotted with blood-red, dark foliage. Packet, 10 cents.

Margaret. Another fine variety with dark foliage; flowers light yellow striped and spotted with crimson. Packet, 10 cents.

THE BABY PRIMROSE. *PRIMULA FORBESI.*

One of the prettiest and most valuable pot plants ever introduced. It begins to bloom when the plants are only an inch or two tall bearing dozens of sprays of its dainty and graceful blossoms which are not quite half an inch across and of a pleasing rose color with yellow eyes. It is in bloom 10 months of the year and grows vigorously in shade or sun. Per packet, 10 cents.

FOUNTAIN GRASS. (*Pennisetum Rueppelianum*) A new ornamental grass and the most beautiful one ever seen. It is an annual and has numerous long narrow bright green leaves which are gracefully recurved forming a perfect fountain, and from July to frost it bears long, cylindrical, feathery flower heads of a rich purple color on long, slender stalks. It is a fine garden plant or for house culture. 18 inches tall. Packet, 10 cents.

MIGNONETTE, Goliath. This new sort produces enormous spikes of very fragrant flowers of an intense red color. Packet, 20 cents.

MIGNONETTE, Golden Gem. This is one of the best varieties of Mignonette. The plants are of dwarf, pyramidal growth, thickly covered with spikes of yellow flowers. Per packet, 10 cents.

NICOTIANA sylvestris. A grand new annual of strong branching habit, 3 to 4 feet high, with large luxuriant foliage. It bears long, drooping, very fragrant white flowers in large spikes above the foliage. Packet, 10 cts.

NICOTIANA collosea. One of the grandest annual ornamental foliage plants ever introduced. It grows to a height of 5 or 6 feet with immense leaves giving quite a tropical effect. At first the leaves are rose and violet but change to deep green with red veins when fully grown. Packet, 10 cents.

MYOSOTIS alpestris grandiflora. (*Giant Alpine Forget-me-not.*) These form bushy plants from 6 to 10 inches tall and bear a multitude of flowers, keeping in bloom a long time and are fine for garden or pot culture. They are perfectly hardy and flower the first season if sown early. White, pink, blue and striped, mixed, 10 cents per packet.

MEXICAN GIANT OR JUNE CORN. Altho' this is a variety of corn, yet it is so different from the common variety and is of such truly gigantic proportions that it makes one of the finest foliage plants I have ever seen for the center of a bed of the large subtropical plants such as Cannas, Castor-oil Beans and the like. It much resembles a species of Bamboo. In rich soil it grows from 15 to 20 feet in height with stalks three inches or more in diameter and leaves often four inches wide and four feet long. The ears which do not appear until very late in the season and do not ripen in the north, are 8 to 10 feet from the ground. Packet, 5 cents; four packets for 15 cents.

STRIPED-LEAVED GIANT MAIZE. A new and highly ornamental variety of Maize attaining from 8 to 10 feet in height. The broad elegantly recurved leaves are bright green striped with silvery white, sulphur yellow and rose. Packet, 10 cents.

SOLANUM Seaforthianum. A splendid climbing vine growing 8 to 10 feet bearing in great profusion immense Wistaria-like panicles, often a foot long, of beautiful light blue flowers, which are followed by scarlet berries. It is a grand plant either for outside or culture in pots. 10 cents per packet.

SWEET SCENTED VERBENA, Mayflower. This very pretty new variety is one of the creations of Luther Burbanks of California. It has the fragrance and color, white flushed with pink, of the *Trailing Arbutus* or Mayflower, and will delight all who try it. 10 cents per packet.

NEW PANSIES.

Masterpiece. A new type of Pansy having the edges of the petals very much frilled and curled, giving it the appearance of a double flower. The flowers are of the largest size and the colors are very rich, each petal marked with a very dark blotch, most of the flowers having a light, white or yellow edge. The plants are very strong and free flowering. Packet, 25 cents.

Parisian Giant Improved. This new strain produces very handsome and beautifully marked flowers of enormous size, when well grown measuring over three inches across, each petal with a large dark blotch edged with white, yellow, or blue. Packet, 25 cents.

Giant Rainbow. The flowers of this new variety are very large measuring up to 3 inches across. The color of the two upper petals is of a reddish steel blue with a white or pink edge, while the lower petals are yellow marbled with red and steel blue, and edged with white. Packet, 25 cents.

Giant Bronze Colors. Magnificent varieties of rare dark rich shades of bronze and velvety brown. Packet, 15 cents.

Giant Ruby. This new variety, which is the result of many years of culture and selection embraces the richest shades of red from scarlet, scarlet-orange, wine-red to rose, with flowers of the largest size. Packet, 25 cents.

Giant Pansy, Bridesmaid. The flowers of this elegant new variety have a rosy white ground color, rivaling in delicacy and beauty the finest apple blossoms, forming a most striking contrast with the dark blotches of the center. Very large and of fine form. Packet, 25 cents.

Giant Freya. A very distinct and choice variety of a rich deep purple-violet with a broad white margin which shows just as distinctly on the back of the petals. Packet, 10 cents.

Diana. Flowers of a pure cream color, a new shade in pansies. Packet, 25 cents.

PHLOX Drummondii, New Dwarf, "Surprise." A dwarf compact variety, the plants covered with flowers which are of a brilliant vermillion with a white star in the center. Packet, 15 cents.

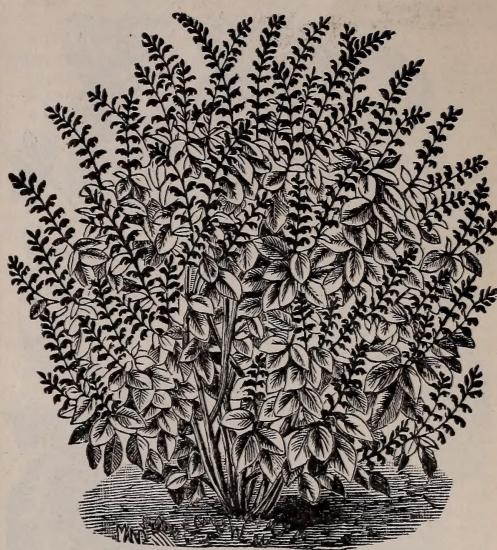
PHLOX Drummondii, New Dwarf Blue. Light blue with white center. Packet, 15 cents.

PHLOX Drummondii, New Dwarf, Rose Bouquet. An effective dwarf variety with large flowers of a bright rose with white eye. Packet, 25 cents.

PHLOX, Drummondii grandiflora, Vermilion Scarlet. A new and distinct color in Phloxes. A splendid bedding variety. Packet 15 cents; two for 25 cents.

TECOMA Smithi. A highly ornamental bushy plant for pot culture as easily grown as Chrysanthemums. The flowers are trumpet shaped over two inches in length and of a rich lemon color, shading to a dark orange yellow. As many as 100 flowers are sometimes produced from a single shoot, the total height of which is not more than 18 inches, the flowers remaining in perfection more than a month. Seed may be sown at any time in spring and the plants put in the open ground during summer, where they will form sturdy specimens before frost, well set with buds, when they should be potted up for the house. Awarded a first-class certificate by the Royal Horticultural Society of England. Packet, 20 cents.

TECOMA Stans (Fire Bush.) A very fine pot plant for house culture; the flowers grow in large clusters and are fiery scarlet and yellow, very showy and attractive. Sow seeds and treat same as Smithi. Packet, 10 cents.



NEW SCARLET SALVIAS.

Clara Bedman or Bonfire. Scarlet Salvia are among the best and most showy of bedding plants and this new variety is a great improvement on the old sort. Each plant forms a compact bush about fifteen inches tall by two feet across, which is completely covered with large spikes of vivid scarlet flowers for several months. Per packet, 10 cents.

New Golden leaf. The leaves of this new golden variety are of a rich yellow tint. It grows about one foot and a half high, dwarf and compact in its habit. The effect produced when this gem is placed *en masse* on a lawn is extremely fine. The contrast between the golden yellow foliage, the scarlet flowers, and the green grass give to us the grandest combination of colors imaginable. The color of the leaves is constant and distinct at any stage of the plant inside or out of doors. 15 cents per packet; two packets for 25 cents.

SILVER-SPOT. The most distinct feature of this unique novelty is its strikingly handsome spotted foliage. The leaves are rich soft green with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The unique and elegant foliage is very abundant, has a very fresh and healthy appearance. The intense bright scarlet flowers are very large and the plants of neat compact habit, and as floriferous as the old sort. Nearly every plant from seed comes true to the description. It makes a beautiful plant for house culture and will no doubt add greatly to the popularity of Salvia for bedding. Packet, 15 cents; two for 25 cents.

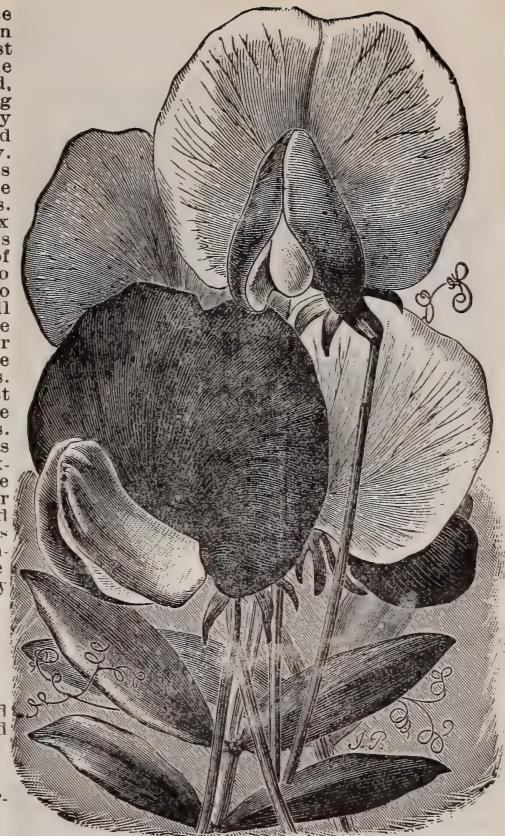
New Large-flowered. This is a magnificent variety of this popular bedding plant. The plants in good soil grow 3 feet tall by as much in diameter and bear enormous spikes of flowers, which are about twice as large as the old varieties and of the most brilliant scarlet. Nothing can be finer for a bed on a lawn than this, bordered with the golden-leaf variety. 20 cents per packet; two packets for 30 cents.

Drooping Spikes. A remarkably free flowering variety; the long spikes of brilliant scarlet flowers are so thickly crowded and heavy with bloom that instead of standing erect like other varieties they droop by their weight, giving the whole plant a very graceful appearance. Packet, 15 cents, 2 for 25c.

SWEET PEAS.

Little need be said of the beauty, fragrance and value of the Sweet Pea. It has long been a great favorite and is now one of the most popular of all flowers. This is chiefly due to the labors of Henry Eckford of England, who has had remarkable success in improving this favorite flower, and has originated many new varieties of large size and new colors and tints. The culture of Sweet Peas is very easy. They should be planted as early in spring as the ground can be worked and be given the same treatment you would give garden peas. Plant in double rows ten inches apart and six feet between these rows; make the drills about four inches deep and sow at the rate of two ounces to each rod of double row, and do not cover the seeds with more than two inches of soil until the plants are up, but fill in a little each time they are hoed until the drills are nearly but not quite level full. After danger from cut worms is past, thin out the plants to about 3 inches apart in the rows. As soon as the peas are up stick brush at least six feet tall between the double rows. There are now over 150 varieties of Sweet Peas. Many of them are so nearly alike in colors that it is impossible for any one but an expert to distinguish them apart, many of the new sorts being an improvement in size or form. I have discarded all inferior sorts and my customers can depend on the varieties named below being the best up to date, containing only those combining the highest development in size form and color,—the very cream of all.

Alice Eckford. White, tinted cream.
America. Brightest blood-red striped.
Aurora. Bright rose and pink.
Black Knight. Deep maroon, red.
Blanche Burpee. Very large, pure white.
Blanche Ferry. Extra Early. Pink and white; 10 days earlier than old pink and white.
Bronze King. Terra-cotta and white.
Countess, New. The best lavender.
Captain of the Blues. Light maroon and purple.
Captivation. Light magenta or claret.
Celestial. Delicate azure blue.
Chancellor. Bright orange pink.
Colonist. Soft lilac and pink.
Columbia. White, shaded purple and pink.
Coquette. Primrose-yellow, shaded lavender.
Countess of Aberdeen. Light, soft pink.
Countess of Powis. Orange suffused purple.
Countess of Shrewsbury. Rose and white.
Crown Jewel. Primrose, veined rose.
Daybreak. White, shaded scarlet.
Dorothy Tennant. Deep rosy mauve.
Duchess of Sutherland. White suffused pink.
Duke of Sutherland. Deep claret and indigo-blue.
Emily Eckford. Reddish mauve and blue.
Earliest of All. Pink and white. An improvement in earliness on Extra Early Blanche Ferry, being a week earlier than that variety.
Emily Henderson. White; blooms early.
Firefly. Brilliant scarlet.
Golden Gleam. Deep primrose yellow.
Gray Friar. White, watered purple.
Her Majesty. Beautiful rose color.
Juanita. White striped lavender.
Katherine Tracy. Brilliant soft pink.
Lady Mary Currie. Orange-pink shaded rosy lilac.
Lady Penzance. Orange-pink.
Lottie Eckford. White, shaded lavender.
Lottie Hutchins. Cream flaked pink.
Lovely. Lovely soft shell pink.
Maid of Honor. White with blue edge.
Mars. Bright scarlet.
Mikado. Cerise, veined white.
Modesty. Very delicate pink.
Monarch. Bronzy maroon and dark blue.
Mrs. Eckford. Shaded primrose yellow.
Mrs. Jos. Chamberlain. White, striped bright rose.
Oriental. Bright orange-salmon.
Peach Blossom. Salmon pink.
Pink Friar. Silvery white, shaded carmine.
Prima Donna. Lovely soft rose pink.
Prince of Wales. Bright rose.
Princess of Wales. White, striped mauve.

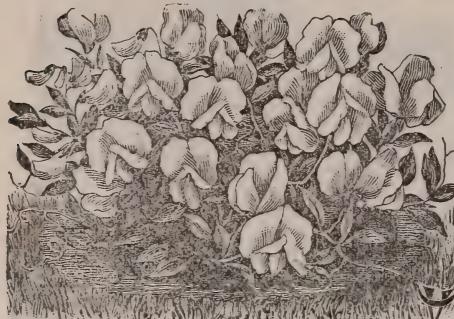


Queen Victoria. Primrose tinted purple.
Ramona. White, splashed pale pink.
Royal Rose. Deep rosy pink.
Salopian. Scarlet; very fine.
Senator. Brown and chocolate, striped.
Sensation. White, suffused with blush.
Stanley. Rich dark maroon.
Stella Morse. Rich primrose flushed pink.
Venus. Salmon buff, shaded rose.
Wawona. Heliotrope, striped white.
Each of the above 60 varieties, 5 cts. per packet; 10 cts. per ounce; $\frac{1}{4}$ pound 35 cents; pound, \$1.10.
All the above 60 varieties mixed. 5 cts. per packet; 10 cts. per ounce; $\frac{1}{4}$ pound, 30 cts. per pound, 90 cts.
Good mixed. This mixture contains over 50 of the older standard varieties and will give good satisfaction. Per ounce, 5 cts.; $\frac{1}{4}$ pound, 15 cts.; pound, 50 cents.

NEWEST VARIETIES.

The following are the newest Eckford and American varieties and are very fine:
Countess Cadogan. Reddish mauve and violet blue.
Duke of Westminster. Rosy maroon and violet purple.
Fashion. Beautiful shade of cerise-pink.
Gorgeous. Salmon-orange.
Hon. F. Bouverie. Flesh-pink and rosy-buff.
Lady Grisel Hamilton. Pale lavender.
Lady Skelmersdale. Pale rose-pink suffused lavender.
Navy Blue. Very large, deep violet blue.
Mrs. Dugdale. Beautiful deep rose.
Othello. Deep glossy maroon.
Sunproof Salopian. Scarlet; the finest of its color.
Each of the above varieties, 10 cts. per packet; 25 cts. per ounce; $\frac{1}{4}$ pound, 75 cts.; pound, \$2.00.
The above varieties mixed, 10 cts. per packet; 20 cts. per ounce; $\frac{1}{4}$ pound, 60 cts.; pound, \$2.00.

CUPID DWARF SWEET PEAS.



These are true dwarf varieties growing only 6 inches high, but branching and spreading out so as to form a mass of foliage, and flowering so freely that the plants are fairly covered with blossoms. For beds or borders it is very fine and they make beautiful pot plants.

White Cupid. The original variety with pure white flowers. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, 90 cents.

Pink Cupid. Standards a bright rose pink, while the wings are white or light pink. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, 90 cents.

Alice Eckford Cupid. Standard rich creamy white and soft pink, wings silvery white. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, 90 cents.

Primrose Cupid. Flowers of a rich creamy tint like the tall *Primrose*. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, 90 cents.

Beauty Cupid. A fine large flower, the standard a delicate rose color, the wings suffused rosy carmine. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, 90 cents.

Boreatton Cupid. A fine large flower of a rich wine-brown, veined with darker shades. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Firefly Cupid. Deep brilliant scarlet. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Countess of Radnor Cupid. Very large flowers of a light lavender suffused with rose. Packet 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 60 cents; pound, \$2.00.

Special Offer: For 40 cents I will send one packet each of the above eight Cupid Sweet Peas.

FOUR NEW CUPIDS FOR 1901.

Apple Blossom. This is exactly like the tall Apple Blossom in coloring, silvery white blended with soft pink. Packet, 15 cents.

Stella Morse. The color of this beautiful variety is a rich creamy buff, tinted with apricot and rosy carmine. Packet, 15 cents.

Royalty. Flowers of extra large size and of a deep rosy pink color. Packet, 15 cents.

Captain of the Blues. A very distinct variety, the standard reddish purple, suffused with violet, the wings rich violet-purple. Packet, 15 cents.

The Cupid Sweet Peas make beautiful beds and borders and should be planted an inch deep and 10 inches apart. They can also be started in boxes early and transplanted as easily as Asters.

NEW BUSH SWEET PEAS.

The first of a new class, growing and branching in true bush form about 18 inches tall by nearly as much in diameter and needing no support when grown in beds. It bears an abundance of flowers and makes a beautiful bed by itself or as a center for a bed of Cupids. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.50.

DOUBLE WHITE BALSAM, alba perfecta. The flowers of this new variety are extremely double, very large of the true Camellia-shape and the plants are very free-blooming. Packet, 15 cents.

CONVOLVULUS major, Double. New double varieties of the Old Morning Glory bearing double feathery and fringed flowers in abundance. Four colors mixed, 10 cents per packet.

CARDIOSPERMUM, hirsutum. A fine annual climber growing 15 or 25 feet high with clusters of small white fragrant flowers followed by curious inflated seed vessels. Packet, 10c.

AFRICAN HORNED CUCUMBER. A curious and delicious species of cucumber from Africa, and a fine ornamental climbing vine. It bears an abundance of oval fruits which are covered with horn-like protuberances. The green fruits are tender and delicious and much liked by those who have eaten them. When the fruits ripen they turn to a brilliant orange and yellow and keep sound and perfect for weeks. It is a very fine ornamental vine and the green fruits make very nice pickles. The Africans eat the pulp of the ripe fruits. Packet, 5 cents.

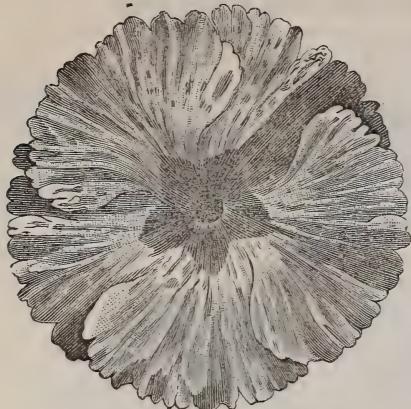
SCABIOSA, Giant Black. The Scabiosa or "Mourning Bride" is one of the very best of the annuals for cutting and also makes a fine bed. This variety is the largest and best of all, the heads of flowers are on very long stems and often three inches across, a rich deep, blackish purple in color. Packet, 5 cts.

SCABIOSA, Azure Fairy. The flowers of this new variety are as large as the black variety and of a bright azure blue; very fine for cutting. Packet, 10 cents.

SALPIGLOSSIS, The Emperor. The Salpiglossis is one of the best and most beautiful of all, yet it is little known, and when a good collection is exhibited at the flower shows it always attracts much attention. The plants grow about two feet tall, and are in bloom all summer. The flowers are nearly three inches across, and the colors are varied and very rich, elegantly veined and penciled, and the petals have a peculiar texture like the richest velvet to both sight and touch, entirely different from any other flower. If its merits were generally known it would be as commonly grown as the Pansy. This new variety shows marked distinction both in flowers and habit, whether seen at a distance or examined closely. It forms only one leading stem which often grows as thick as one's finger and bears on the end a bouquet of the most beautiful flowers. The colors are rose, purplish brown, chamois, purplish violet and deep scarlet, each color richly penciled and veined with gold, and they are much larger than the old type. Packet, 15 cts.

NEW MAMMOTH PERFECTION
SWEET WILLIAMS.

Sweet Williams have long been the most popular of the hardy perennials and this superb mammoth strain has the largest and most perfect flowers in existence, the individual flowers more than covering a silver quarter while some of the largest cover a half dollar. They are of various rich shades of red with a distinct white edge and a large white center. Packet, 15 cents.



NEW LARGE-FLOWERED CHINESE PRIMROSE.

A new strain of these popular house plants that surpasses in size of flowers and variety and brilliancy of colors anything before produced, the individual flowers often measuring two inches across with good culture. They are beautifully fringed, and of great variety of colors and shades—white, crimson, carmine, lilac blue, mauve, blush, pink, crimson striped and spotted white, violet crimson, magenta, yellow with white edge, fiery copper crimson, etc. If sown in March or April, they will begin to flower in the fall and bloom profusely all winter. Sow the seeds in light soil, cover not more than a quarter-inch deep and keep them in a temperature of about 60° and covered from the light until they come up. Keep them growing vigorously in pots through the summer in a cool shady place. All colors mixed, per packet 25 cents.

NEW GIANT CALIFORNIA HYBRID COSMOS.

These magnificent, hybrid Cosmos are the result of seven years' careful selection and are distinguished for the immense size and great diversity of colors and forms of the flowers. Some of the flowers measure five inches across. Some have petals plaited and frilled at the edges, others mottled and fringed, others are smooth and flat. There are so many shades and colors it is difficult to describe them, but among them are delicate rose lavender with a maroon ring around the center; pure white; white; flushed pale pink; blush, zoned deep pink lined white; there are white grounds flecked with the tiniest pink spots in light and dark shades; grand glowing crimson, some lighter, some darker; solid blush; solid deep pink, etc., etc. Price, all varieties mixed, 10 cents per packet; three packets for 25 cents.

Giant, Red, Pink and White, in separate packets, each color per packet, 10 cents.

NEW FRINGED MAMMOUTH HOLLYHOCK.

ALLEGHENY.

This new Hollyhock differs from the old variety in having much larger flowers which are semi-double and seldom less than five and often six or seven inches across; and in the elegantly fringed petals which look as if they were made up of crushed silk; and it is of stronger, healthier growth, which can stand our northern winters and hot summers. It may be called a perpetual bloomer for it grows and branches freely all summer, each branch being terminated by a spike of its grand flowers which open in succession from July to frost. In the South it blooms continually all the year round. The colors are clear, transparent and brilliant and is one of the most unique novelties introduced among flowers for many years. Mixed colors, 15 cents per packet.



NEW EVERBLOOMING PRIMROSE.

(Primula obconica grandiflora hybrida.)

The old *Primula obconica* is one of the best and most satisfactory of house plants and is one of the few that are true perpetual bloomers. The flowers of these new hybrids are not only nearly double the size of the old variety but they are elegantly fringed and of several shades from rose to light blue. Plants from seeds begin to flower in 3 or 4 months and continue to produce their delicate and lovely flowers freely throughout the year, even in the dullest winter months. Mixed colors, per packet, 15 cents.

NEW EARLY-BLOOMING HYBRID COSMOS.

The Cosmos is one of the most beautiful and popular of annuals, growing five feet tall with elegant foliage, and bearing a profusion of large pink, purple and white flowers on long stems. Seeds of these New Early Hybrids if sown in the open ground early in May, (which is the best way to treat them), will produce flowering plants by the first of August which continue in wonderful profusion until killed by severe frost. This early flowering habit is a valuable characteristic and it will be welcomed by all who have failed to get the old late-blooming to flower before frost killed it. Mixed colors . . . 10 cents.

EARLY HYBRID COSMOS, White, (*Dawn.*) Per packet, 10 cents.

CONVOLVULUS major, Double. New double varieties of the old Morning Glory bearing double feathery and fringed flowers in abundance. Four colors mixed, 10 cents per packet.

NEW-LARGE-FL. SNAPDRAGON, (*Antirrhinum majus grandiflora*) An improved strain of these showy and popular annuals with flowers much larger than the old varieties. Mixed colors, 10 cents

Queen of the North, or Giant White Sweet-Scented variety of the large-fl. Snapdragon. Packet, 10 cents.

MIMULUS grandiflorus. An elegant annual, six inches tall of spreading habit with large beautifully spotted flowers of various colors. Fine for bedding or pot culture. Packet, 10 c.



PANSY PARK PERFECTION PANSIES.

Largest in size—Most perfect in form—Greatest variety of rich and rare colors.

Perfection is the word that best expresses the superior qualities of this magnificent strain of Pansies, for it is perfection in the size and form of blooms, while no other contains such a great variety of rich and rare colors. The seeds have been saved with the greatest care from the very finest, largest flowers of the German and French types, many of which were of gigantic size, measuring *from three to four inches in diameter*. It contains every color, shade and tint known in the Pansy, and many unique combinations not before seen. They are of the most perfect form, with thick velvety petals, some elegantly veined with maroon on white, bluish or reddish ground. I have made a specialty of Pansy culture for 25 years, and having tested all the strains offered during that time, including all the new strains and mixtures so extensively advertised during the past few years, I know that Pansy Park Perfection is the peer of them all, and I offer it feeling confident that it will give the greatest satisfaction to all lovers of choice Pansies. These Pansies were first introduced in my 1896 Catalog in

which I also offered eight prizes for largest pressed flowers. It created a good deal of interest and much competition. The first prize was won by AMELIA RITCHER, Yolo, Cal., with a bloom measuring three and one-fourth inches in diameter, a trifle larger than the above engraving. The other prizes were won by blooms almost as large grown in Maine, New York, Iowa and Montana. These were very large for flowers grown in summer and early fall. As is well known the *very largest* flowers can be grown only in spring on plants kept over winter. Per packet, 25 cents; two packets for 40 cents.

MRS. ELMIRA JENKINS, Temple, Me., writes: "The Pansy Park Perfection Pansies were the largest and most beautiful we have ever seen."

MRS. M. A. COOK, Jonesville, Mich., writes: "My Pansy Park Perfection Pansies are the finest in town and have been much admired, and we have many enthusiastic amateur and professional florists in the place."

"The Pansy Park Perfection Pansies were the largest in my garden last spring and they had such a great variety of rich colors and markings that I think they well deserve the name 'Perfection.' I had a great many other strains."—AMELIA RITCHER, Yolo, California.

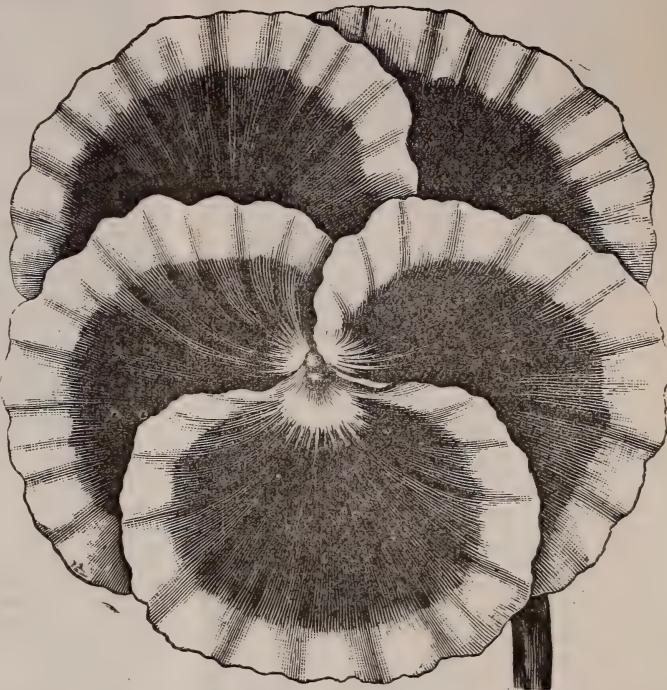
French Pansies, Improved Mammoth Trimardeau. These have very large flowers growing from $2\frac{1}{2}$ to 3 inches in diameter, and even larger with high culture. They are a great improvement over the original Trimardeau, not only in size, but the petals have more substance and there is a greater variety of colors. Per packet, 15 cents; two packets for 25 cents.

Mammoth French Fancy (Bugnot's-Cassiers'). These have three to five large maroon blotches on white, yellow, bluish or reddish ground. Although the colors are limited they are magnificent. Packet, 15 cents.

President McKinley. A superb variety of a deep rich golden yellow, blotched with dark rich brown. Packet, 15 cents.

President Carnot. Like Pres. McKinley in everything except in color which is pure white with violet blotches. Packet, 15 cents.

Spectabilis. Dark rich shades of velvety, purplish brown, bronze and violet, edged with maroon, white or yellow. Packet, 15 cents.



Giant Snow Queen. Large pure white. Packet, 15 cents.

Imperial German. A much advertised and good strain of the German Pansies, but not equal to the Diamond in size, form, and variety of colors and markings. The seed I offer is directly from the grower, and genuine. All colors mixed, per packet, 10 cents; three packets for 25 cents.

Defiance. "The Defiance Pansies produce flowers of the largest size, perfect form, and of the richest colors." (Introducers description.) Packet, 15 cents.

Mammoth Butterfly. The introducer of this strain gives the following description: "A strain of Pansies which for variety and beauty has never been excelled. Of matchless form, colors and markings, with flowers half as large again as ordinary Pansies." Mixed colors. 15 cents per packet, two for 25 cents.

Common Mixed. A good strain for bedding which will give satisfaction where quantity rather than quality is desired. Packet, 5 cents; $\frac{1}{2}$ oz. 30 cents; $\frac{1}{4}$ oz. 50 cents; $\frac{1}{2}$ oz. 80 cents; oz. \$1.50.

From GEO. B. LUCAS, Florist, Lansingburg, N. Y.: "Your Diamond strain of Pansy seed has always been first-class. I have had seed from many others but none were equal to the Diamond strain. All of your seeds seem to germinate. I hope that by your honest dealing, it will bring you the success you deserve."

LARGE-FLOWERING GERMAN PANSIES.

DIAMOND STRAIN.



The superior qualities of this unsurpassed strain of German Pansies introduced by me, has gained such a reputation among my customers that it has resulted in the sale of over one hundred thousand packets of seeds among my retail customers. Its large and perfectly formed, round and velvety blooms, endless varieties of rich and delicate colors and tints, often in combinations that if not seen would be difficult to believe ever existed in a Pansy, distinguishes this strain above all others. I grow large fields of these Pansies, which have been visited and admired by thousands of people, including many professional florists who always appreciate choice flowers. I sell large quantities of the seed of this strain every year to florists all over the country. One of the most valuable characteristics of this strain is that the flowers keep up of good size all through the hot weather of summer, while those of ordinary strains grow small and poor. Almost any day during the spring and autumn months thousands of flowers can be picked in my fields (which receive only ordinary cultivation) measuring from two to two and one-half inches in diameter. I have tested in my trial grounds every strain of Pansies offered by American, English, Scotch, French and German growers and dealers up to the present time. While some of these are excellent none of them have proved equal in richness, brilliancy and variety of coloring to the Diamond Strain. *I particularly invite a comparison with any other strain of German Pansies, feeling confident that the Diamond Strain will not suffer in the least by it.*

PRICES—All varieties mixed. This packet contains over fifty distinct varieties and an endless number of markings. Per packet, 15 cents; two packets for 25 cents; five packets for 55 cents; ten packets for \$1.00. Over 50 distinct varieties in separate packets, each variety or packet 25 cents; five for \$1.00.

HOW TO GROW FINE PANSIES.—A circular which gives full instructions about the culture of Pansies will be sent to customers, provided it is asked for when seeds are ordered.

VIOLAS. Tufted or Sweet-scented Pansies, These are very popular in Europe for bedding, but were entirely unknown in this country until introduced by me some ten years ago under the name of Violas or Tufted Pansies. They have recently been catalogued by others under the name of Sweet-scented Pansies. They were obtained by crossing the English Pansy with *Viola cornuta* of Europe. The flowers are small, but bloom much more profusely than common Pansies, forming large clumps and lasting several years, a bed of them being a perfect mass of flowers through the season. The colors are not so numerous as those of common Pansies. Some of them are slightly sweet-scented like violets. Packet, 10 cents, three for 25 cents.

MARGUERITE CARNATION PINKS.

This new class of Carnation Pinks is one of the most valuable introductions among garden flowers for many years. The flowers are large, double, very fragrant, ranging in color through all shades of red, pink variegated, etc. They begin to bloom in four or five months from sowing the seeds, so that if sown early in spring they will bloom freely during the latter part of summer and autumn. Plants that have not flowered may be potted and will bloom in winter in the house. Mixed colors 10

Margaret White, a new white variety 10

Marguerite, New Dwarf Giant. A new and improved strain with much larger flowers than the original Marguerite, more perfect form and of many bright colors. Per packet 15

Guillaud. The finest Perpetual Carnation and of nearly as rapid growth as the Marguerite class, bearing over 90 per cent. of splendid double flowers with a large percentage of yellow varieties. Seeds very scarce and expensive. Packet 20



RED PANSIES. Several varieties of brilliantly colored Pansies have been introduced during the past few years in which shades of red occur, some being almost crimson with yellow markings and maroon blotches. Best red varieties mixed 10

Giant Fire King. New, very large and brilliantly colored, rich purplish crimson and yellow marked with large dark blotches. Packet, 20 cents.

Chrysanthemums, Chinese and Japanese. The Queen of Autumn is easily grown from seeds blooming the first year if started early, but only a small percentage from even the choicest seed will be as double as the best named varieties. Choicest mixed seed

EGYPTIAN PAPER PLANT.

(*Scribus. antiquorum*.)

This is the plant from the pith of which the ancients made papyrus or paper. Aside from the historical interest connected with it, it is one of the very best decorative plants I have ever seen. It throws up from the root from four to ten or more strong, dark-green, triangular stalks from five to ten feet tall without a joint or leaf, but which support at the top large umbels of numerous long thread like leaves which spread out in the form of an umbrella and give the plants a very stately, graceful and striking appearance. It makes a magnificent lawn plant either as a single specimen or planted in connection with the semi-tropical foliage plants. It is also superior to any Palm for growing in pots for the decoration of windows, halls or conservatories, or for any purpose for which palms are used. It is a plant that will grow and thrive with any sort of decent treatment. It likes a rich soil and an abundance of water. It is a perennial, and when planted out may be taken up in the fall before frost and potted for the house. When grown in pots it makes the most rapid growth if the pots are kept standing in a dish of water. Sow seeds as early as possible in a pot and set the pot in a dish of water so that the earth will be constantly saturated with water and keep in a very warm place till it germinates. Packet, 10 cents.

LOBELIA cardinalis, (*Cardinal Flower*.) Perhaps few are aware that this native inhabitant of the margins of ponds and brooks can be easily grown in any good, rich garden soil if given plenty of water; and there is nothing finer than a bed or mass of it with its spikes of intense dark scarlet flowers. Packet, 10 cts.

NEW POPPIES.

Pink Beauty. This is a sport of that superb variety Snowball and the same in all respects except that it is a lovely shade of deep pink 5

Irresistible. A new variety from California which the originator describes as follows: "It grows five feet or more in height; the flowers are immense and perfectly round, red with fringed petals. It is the most showy and largest Poppy I have ever seen. Packet 10

Butterfly. A new strain of single Poppies and the most elegant ever introduced. It is the result of many years of careful culture and selection and a wonderful variety of colors, tints and marking have been developed, while they are of immense size, frequently measuring five inches across. They are of every tint and shade, from pure white to brilliant scarlet, often with a broad, pure white band around the edge of the petals, while many of them are flecked, spotted, striped and marbled in the most exquisite manner. The plants grow very compact and bushy and are in bloom from June till frozen up in the fall. The flowers are borne on long, wiry stems and are excellent for cutting. No double varieties can approach them in delicacy and beauty 10

POPPY, Fairy Blush. Immense, perfectly double flowers 3 to 4 inches in diameter with deeply fringed petals which are white edged with rosy cream 5

Snowball. Very large, deeply fringed flowers. 5

Midnight. Very large, double, of a deep blackish purple color 5

Fireball. Double, very large, fiery crimson, with a large black spot at the base 5

The Shirley. An elegant strain of single Poppies, the flowers of various colors, many edged with white 5

Improved Paeony-flowered. Large double flowers resembling Paeonies, of many colors. Mixed colors 5

Improved Carnation-flowered. Very large and double deeply fringed flowers. 18 colors mixed 5

Iceland Poppies. These are among the most elegant of all Poppies. They are biennials if sown late, but bloom the first year if sown early. The flowers are single and of various colors and differ from all other varieties in having several shades of yellow among them from light yellow to deep orange 10

PENTSTEMON gloxinoides. (The annual Pentstemon) Pentstemons are among the most showy of perennials, but this new annual variety is even more brilliant than the perennial sorts, the flowers often being two inches across. If seeds are started in February or early in March they begin to bloom in July and continue to bear their long spikes of Gloxinia-like flowers of various brilliant colors, until severe frosts. From $1\frac{1}{2}$ to 2 feet tall 10

GLOXINIA GIGANTEA. A new class of Gloxinias producing immense flowers 4 to 5 inches across and varying in the most exquisite colors. They come nearly true from seeds 25

CALLIOPSIS, Golden Glory. A magnificent perennial flowering the first season if started early. Very large flowers of the richest golden yellow 5



VERBENAS.

THE RUBY.

Verbenas grown from seeds are quite fragrant, always make a stronger, healthier growth and flower better than plants grown from cuttings; but with all ordinary strains there has always been a strong tendency to produce the dull neutral tints or "run to purple and blue" as the florists say; and this is the trouble with many highly lauded strains sold by seedsmen. In the ruby strain here offered this tendency has been almost overcome by many years of careful culture and selection and no other strain will produce such a large percentage of the most brilliant and desirable colors. The trusses are of the largest size and the individual flowers are often more than an inch in diameter. The colors run through every shade of red from light pink to rose, blood red, crimson, scarlet, dark maroon, almost black, white indigo, etc., many of the varieties having a large distinct white center or eye; and many sorts have white ground striped and variegated with pink, rose, scarlet crimson, etc. So great is the variety among them that it is difficult to find two just alike. The flowers are as large as the "mammoth" varieties so extensively advertised, and far superior to them in every other respect. Verbena seeds should be sown as early as possible, under glass or in boxes in the house; cover a quarter inch with soil and warm until it germinates, which will be in from two to four weeks. Finest mixed, seed, saved from over 100 varieties, 15 cents per packet; two for 25 cents.

NEW MAMMOTH VERBENA FORDHOOK FAMOUS. The introducer gives the following description of this strain: "In this grand new strain has been developed a Mammoth Verbena that produces uniformly magnificent trusses of which the flowers are of unusual size and a wide range of colors. The individual flowers are frequently larger than a silver quarter, in fact many are scarcely covered by a silver half dollar." My seed is direct from the introducer and guaranteed genuine. Per packet, 15 cents; two for 25 cts.

SPECIAL OFFER: For 25 cents we will send one packet of the *Ruby* and one of *Fordhook Famous*.

VERBENA, finest mixed imported seed, mixed colors, per packet 10

Golden Bedder. Light yellow foliage, scarlet flowers 5

Striped. Striped flowers 5

Primrose. Pale yellow 5

Scarlet. Red shades mixed 5

White. 5

Odorata. White, very fragrant 5

EPHORBIA HETEROPHYLLA.

(Mexican Fire-Plant, or Fire-on-the-Mountain.)

A singular, half-hardy annual, three feet tall very branching, the leaves deep green and Holly-like. During the latter part of the summer and autumn the leaves on the ends of the branches turn to a fiery scarlet, some being all scarlet, others blotched with scarlet, the effect of this bright color being very striking. Start the seeds early in the house, in a warm place, and plant out a foot apart after danger from frost is past 10

SWEET MIGNONETTE, Goliath. This new sort bears enormous spikes of flowers of an intense bright red. Packet, 15 cents.

CANDYTUFT, Empress. A very large-flowered variety of white Candytuft, the spikes of flowers often measuring 3 to 5 inches long by 2 or 3 in diameter. The plants are of strong vigorous growth and should be thinned out to 15 inches apart 10

PETUNIAS.

THE EMPEROR.

The flowers of this unsurpassed strain exhibit a greater variety of colors and markings than ever before obtained in the Petunia; from the richest purple and crimson to the most delicate rose and white there is in every gradation. Some of the varieties have a clearly defined white throat, the outer portion of the corolla being colored; some are evenly or irregularly striped, blotched and barred with purple, crimson, rose and white; others are elegantly veined with crimson, violet and maroon on a light ground, and several are exquisitely fringed and frilled, resembling ruffled lace, and one variety is rosy crimson edged with green. Many of the varieties are of very large size, often four or five inches in diameter and of the most remarkable colors, shadings and veinings with large black, white and yellow tigered throats. These Petunias have been awarded several first prizes by the Massachusetts Horticultural Society. At one of the shows of this Society I exhibited 250 vases of these and the "Giants of California" embracing over sixty varieties, which attracted much attention and was undoubtedly the best display of Petunias ever seen in this country at any flower show.

Petunia seeds retain their vitality for many years and never fail to germinate if properly sown and watered. Sow thinly in boxes under glass in the house; do not cover more than an eighth of an inch with soil and take care to keep the surface constantly moist till they germinate, which will take two weeks. Great care should be taken to save and transplant every plant, especially the smallest, poorest one as these are the plants that always bear the double and finest fringed single flowers. No matter how choice the seed there will always be some plants with poor flowers, and these should be removed as soon as their character is shown. Set the plants fifteen inches or more apart.

EMPEROR PETUNIAS, single varieties mixed, per packet 15

Double varieties mixed. This strain will produce from 10 to 20 percent of large double flowers of various colors, many of them elegantly variegated and fringed. Double Petunias bear no seeds and these are produced by crossing the double flowers with the single, which are grown in pots under glass, and this is a very expensive process. Per packet of about fifty seeds, 25 cents; two packets for 40 cents.

GIANTS OF CALIFORNIA.

A California strain of great beauty. The plants are of strong, healthy growth and the flowers, many of which are of enormous size, often 4 to 5 inches across, are of a variety of rich colors and markings, some with deep, wide throats of yellow, white, black, green or maroon, beautifully veined and penciled. Packet, 15 cents.

Double Giants of California. These bear magnificent large double flowers of the same colors found in the single varieties, and from 20 to 40 per cent. may be expected to come double. Per packet, 35 cents.

Ruffled Giants. The introducer of this new strain describes it as follows: "The flowers are extremely deep-throated and very large; they are ruffled, fluted and fringed; striped, blotched and of solid intense colors, with many color combinations quite new in Petunias. The plants are extra selected in size, form, color, and markings, and include all the latest improved hybrids." Per packet mixed varieties, 25 cents.

Defiance. The introducer describes this strain as unequalled, the flowers are over five inches in diameter and of indescribably rich and varied colors, the throat in nearly every flower is darker than the rest of the petals. 15

DWARF BEDDING PETUNIAS. These form small, dwarf, compact plants which are covered with a multitude of small variegated flowers of several colors; some are white, striped, mottled and barred with several shades of red, another is a beautiful deep pink, a rare color in Petunias. They are the best of all for bedding and for borders. Per packet, 10 cents; three packets for 25 cents.

Rose Lace. Large fringed flower of a bright pink or rose color, a rare color in Petunias. 15

NEW HELIOTROPE, LEMOINE'S GIANT HYBRIDS.

A new strain of the fragrant and popular Heliotrope of remarkably strong and vigorous growth, bearing immense trusses of flowers five or six inches across. If started early they make a beautiful bed, flowering profusely in any good, rich soil during the latter part of the summer. Per packet 10

COCKSCOMBS. Nothing can be finer than a good bed of Cockscombs when well grown. They are of easy culture, flourishing in any good, rich soil. Seeds should be started early in the house or in a frame and the plants set out in the beds from 15 to 18 inches apart. The following are the finest varieties:

The Empress. A magnificent dwarf variety, with immense combs measuring, when well grown, from 15 to 20 inches in length; of a crimson color with a rich velvety appearance. Per packet . 10

Fire King. The most brilliantly colored fiery orange-scarlet. It is taller than the Empress and nearly or quite as large. 10

Japanese. A grand shawvy, branching variety, two or three feet tall each plant bearing a number

of combs from four to eight inches long, of a brilliant, velvety, crimson color 5

Ostrich Feather. A variety of Cockscomb with large feathered plumes of flowers; mixed colors 5

CALLIRRHOE pedata. (Trailing Hollyhock.) A pretty and hardy perennial with trailing brancies bearing plenty of salver-shaped flowers two inches across, of a bright purplish crimson 5



EMPEROR.

DWARF LARGE-FLOWERED FRENCH CANNAS.

These magnificent Cannas are becoming the most popular of bedding plants and they are also very fine for winter flowering in pots. The plants grow from two and one-half to four feet tall, with luxuriant, very handsome foliage, and they bloom continually from May to frost. The flowers are in spikes like Gladiolus, each flower three or four inches across and of all shades of red, including the richest crimson, scarlet and vermillion, also yellow and orange; many varieties being beautifully spotted and variegated. Seeds started in February or March will produce flowering plants the first year. They are easily grown as a Dahlia in any good soil, and the roots can be preserved over winter like Dahlia in any warm cellar in half dried earth. Soak the seeds in quite warm water until the sprouts start a little, then plant in boxes or pots and keep quite moist in a warm place. Seeds saved from a large collection of the choicest named varieties, per packet, 10 cents; three packets for 25 cents.

DOUBLE ENGLISH DAISY, NEW GIANT.

The flowers of this variety are more than double the size of the old varieties and are on long stems. They bloom freely in spring and fall and make fine pot plants for winter blooming. Mixed colors 10

THE MEXICAN

TREE MORNING GLORY.

IPOMEOA FISTULOSA GOODELLI.



This is not only new but it is so entirely different from anything else and such a showy plant that it is sure to attract the attention and admiration of every one wherever grown. It is a native of Mexico, and is a shrub-like perennial. The flowers which are of light rose color with a crimson center and three to four inches across, are borne in large panicles or clusters of 35 to 50 in the axils of the leaves, a cluster to nearly every leaf. These clusters are from six to ten inches in diameter and on stems six inches long, several flowers opening in each cluster at once. In rich, moist soil it attains a height of six or seven feet. It is perfectly hardy in the Southern States if the roots are covered with earth, leaves or some similar material, deep enough to exclude frost. In the Northern States it can be treated as an annual as it flowers the first season from seed if started early, or it can be grown as a tub or pot plant like an Oleander, keeping it in the house, greenhouse or a warm cellar in winter. It will grow and bloom even in a five or six inch pot. It can also be planted out in the summer, be taken up in the fall before frost, cut back and kept over winter in boxes of moist earth in a house or greenhouse. Packet, 15 cents; two for 25 cents.

GIANT HIBISCUS, SUNSET.

One of the most magnificent species of garden Hibiscus. It is an herbaceous perennial growing five or six feet tall. It is hardy in the South but as it flowers freely the first season from seed it is best to treat it as an annual. The flowers are of enormous size, from six to eight inches across and of a rich light yellow color with a velvety crimson-moroon center, each plant bearing a number of these immense flowers every day for several months, making it one of the most striking plants that can be grown in any garden. Give the plants plenty of room and rich soil. It is best to start the seeds as early as possible under glass or in the house, so as to get good strong plants for setting out as soon as danger from frost is over, as they always continue to bloom until frost in the fall. Packet, 10 cents; three for 25 cents.

HIBISCUS, CRIMSON EYE.

This is a magnificent new variety of *H. moscheutos* with flowers often six or seven inches across; pure white with a large crimson spot at the base of each petal. The plant forms a strong clump four or five feet tall, and each plant will produce several hundred of its grand flowers during a season. It is a perfectly hardy perennial, blooming the first season from seeds if started early, and when once started will last for many years. It will flourish in any soil, but does best where it is rich and moist. Packet 10 cents; three for 25 cents.

The Brazilian Morning Glory.

IPOMOEA SETOSA.

This grand Ipomoea was first introduced by me several years ago and is now one of the most popular of all the varieties. It is an annual and the most vigorous and rapid in growth of all vines, climbing thirty to fifty feet. The vines climb and branch in all directions, a single vine soon covering a large tree, arbor or building. Its leaves are like those of the Grape in form and of immense size, often a foot across in rich soil. The flowers which open in the morning, are three inches or more across, of a beautiful rose color, and are borne in large clusters very freely from July to frost. Every part of the vine is thickly covered with short, reddish hairs which with immense leaves and large clusters of curious seed capsules render it highly ornamental and give it quite a tropical appearance. For quickly covering a piazza or arbor where a dense shade is required it has no equal, its leaves overlapping each other like shingles on a roof. Packet, 10 cents; three for 25 cents.

IPOMOEA grandiflora. (Giant Moon-flower.) A magnificent vine climbing twenty to forty feet with large moon-like flowers 5 or 6 inches across. Does best south of the latitude of New York. Start seeds early. Packet, 10 cents; three for 25 cents.

Leari. (Blue Moon-flower.) One of the finest species with flowers four inches across, of a rich satin blue shading to ruby red in the center; 25 feet. Does best south of New York 10

coccinea elegans. A variety from Mexico which was introduced by me. The vine is of slender but rapid growth and very branching climbing fifteen or twenty feet. The flowers which are nearly an inch across, are of a bright rosy crimson, and borne in such profusion as to quite cover the vines. It begins to flower in June and continues in full bloom till killed by frost in the fall 10

RICINUS ZANZIBARENSIS.

NEW GIANT AFRICAN CASTOR BEAN.

As an ornamental foliage plant for lawn or garden planting this has no equal. Plants from seeds sown in the open ground in May will grow to a height of twelve or fourteen feet, with enormous leaves often two and one-half feet across. There are several varieties, some with leaves of a rich, dark green, others of dark coppery-bronze when young, changing to dark green with red ribs. Mixed varieties, per packet 10 cents; three packets for 25 cents.

RICINUS, QUEEN OF CAMBODIA. A comparatively new variety, ten or twelve feet in height, and the darkest leaved Castor Oil Bean known, a dark, rich, greenish maroon. A bed of Zanzibarensis with a row of this around the edge is a magnificent sight. Packet, 10 cents; three for 25 cents.

ANNUAL WALLFLOWER.

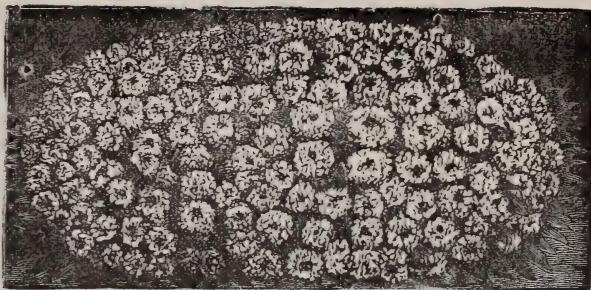
EARLY PARIS.

Wallflowers are the most fragrant of all garden flowers, but have been but little grown because the old varieties do not bloom the first year. This new annual variety will bear its spikes of fragrant showy cinnamon-colored flowers freely all summer the first year from seed. It makes a fine bed and is as easily grown as any common annual. 10

CACTI. The many varieties of curious and beautiful Cacti are easily grown from seed. Sow the seeds in pots in soil composed of about two-thirds sand, with plenty of drainage material in the bottom. When the plants are up use water very sparingly and pot of in small pots as soon as large enough to handle. Mixed seed of 35 of the finest sorts. 15 cents; per packet, two for 15 cents.

DWARF SWEET ALYSSUM, LITTLE GEM.

This is an exceedingly pretty and entirely distinct dwarf variety of Sweet Alyssum originated by me. The seeds are of very dwarf, compact spreading habit, and only 3 to 5 inches in height, each plant covering a circle from 15 to 30 inches in diameter. It begins to bloom when quite small, often when in the seed bed, and so profusely that the plants are a solid mass of white from spring till late in autumn. I have counted over 600 clusters of flowers on a single plant at one time. For small beds and edgings it is very effective, and for pots and baskets a gem of the first water. It is as fragrant as the common variety and better for cutting. Packet 10 cts., three for 25 cts.



A PLANT OF LITTLE GEM.—From a Photograph.

PHLOX DRUMMONDI GRANDIFLORA.

PANSY PARK PRIZE STRAIN.



The improved grandiflora variety of Phlox Drummondi is without exception the most brilliant and beautiful annual in cultivation and no garden, however small, should be without it. The PANSY PARK PRIZE STRAIN here offered is unquestionably unequalled by any strain in the world, in size, form, and variety of colors. It has been awarded the FIRST PRIZE many times at the shows of the Massachusetts Horticultural Society. The two varieties represented in the illustrations above, which are not in the least exaggerated, will give some idea of the size and perfection to which this strain has been brought. Phlox seed may be sown early in the house and transplanted, but always makes a



stronger growth and bears larger, finer flowers when sown in the open ground where they are to bloom. Sow very early in spring in drills one-half an inch deep and thin the plants to a foot apart.

Pansy Park Prize Strain in 30 varieties, as follows: White; White with dark eye; Deep Purple; Deep Purple with white eye; Deep Purple striped white; Carmine with white eye; Carmine striped white; Chamois rose; Scarlet; Scarlet striped white; Carmine with very large white center; Rose with very large white center; Violet with very large white center; Light Yellow; Violet with brownish center; Crimson striped white; Brilliant Crimson with purple and white eye; Pink with white eye; Rose; Rose with white eye; Rose striped with white; Dark Purple with pure white center; Carmine with pure white center; Rose with pure white center; Rose marbled; Violet marbled; Violet with white eye; Brilliant Crimson with pure white starry center; Violet Purple. Each of the above thirty varieties in separate packets, each variety or packet,

All the above in splendid mixture,

Collection of 25 varieties, in separate packets, one packet of each,

Collection of 12 best and most distinct varieties,

15

29

50

10

IMPROVED AFRICAN MARIGOLD
El Dorado: This is the finest strain of African Marigold yet produced. The flowers are 3 to 4 inches in diameter, very double and most perfectly imbricated and frilled, a single plant often bearing from 50 to 75 flowers at one time. The colors run through all the shades of yellow from very light primrose to the deepest orange; mixed colors, . . . 10



NEW MARIGOLDS.

MARIGOLD, Improved French: These have a profusion of small very double and perfect flowers of various shades of yellow, rich brown and maroon, some varieties elegantly striped and spotted,

15



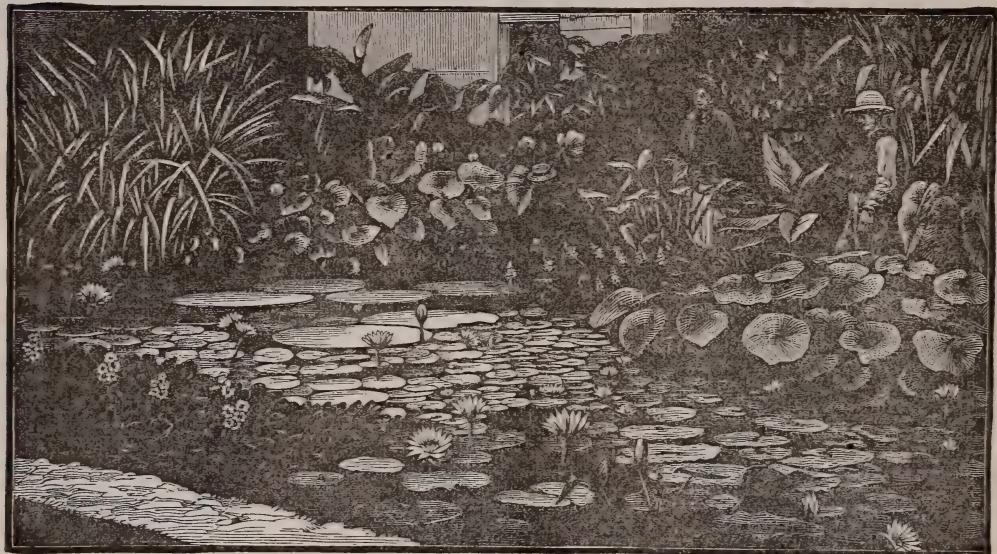
PHLOX DRUMMONDI, Star of Quedlinburg: A most singular variety of Phlox with the center of each petal prolonged into a long point, making the flower star-shaped, as shown in the cut. There are about a dozen colors, the petals having a distinct white edge. The plants are compact and bushy and the flowers are very freely produced. It is

very fine for bedding and elegant for bouquets; 12 varieties mixed,

CENTAUREA Cyanus fl.-pl., (Double Bachelor's Button): This is a fine double variety of this old and favorite flower, from 30 to 50 per cent. coming double after the manner of Gallardia Lorenziana; 8 colors mixed, . . . 10

RED, WHITE, AND BLUE AFRICAN WATER LILIES.

They will grow and flower four months from sowing seeds, in ponds, tanks, tubs, or pans, in the open air, in any part of the United States.



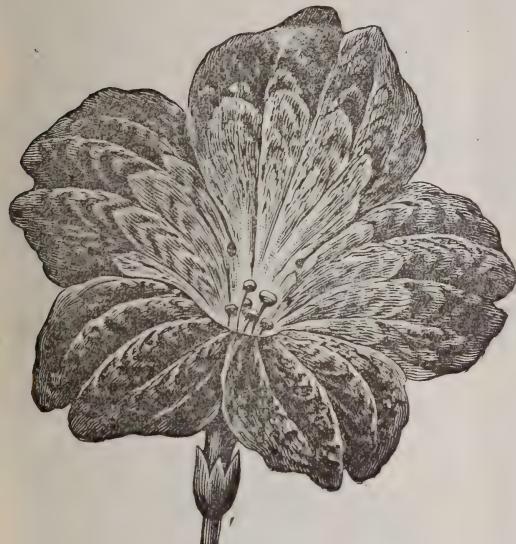
A corner in one of the Aquatic Gardens at Pansy Park—from a Photograph.

It is safe to say that nothing in the floral world has created so much interest among lovers of rare plants as these gorgeous red, white, and blue Water Lilies, and then it becomes generally known how easily they can be grown everybody who loves choice flowers and can have a tank or tub of water will have them. Although they are natives of tropical Africa, they can easily be grown in the open air in any part of the United States, flowering freely for several months the first year from seeds. Our native Water Lilies require several years to make flowering plants from seeds, but these tropical varieties are, practically, *annuals*, and bloom from seeds about as soon as Verbenas or Petunias and are about as easy to grow. Plants from seeds sown in February or March, if planted out in June, make an astonishingly rapid growth and begin to bloom in July, each plant bearing from one to three magnificent flowers, which are four to ten across, every day till frozen up in the fall. From fifty to seventy-five flowers of these gorgeous lilies opened every day for several months last summer in the aquatic gardens at Pansy Park, from seeds sown in March, and they were very much admired by thousands of visitors. In some of the Southern States they will grow and flower almost the year round in natural ponds, and no doubt would become naturalized if once established. They can be grown to perfection in ponds or large tanks, but these are not at all necessary, for they flower just as well in tubs, the only difference being in the size of the flowers. I have flowered them in common two-gallon pails, as an experiment. The size of the flowers depends on the size of the tubs or tanks and richness of the soil. If in pails or tubs they will be from two to six inches across and from six to ten inches or even more, if in ponds or large tanks. The seeds are about the size of Poppy seeds and never fail to germinate if properly treated, in ten to fifteen days. Their culture is very simple. Take small cups, like tea cups, fill them about half or two-thirds full with fine, rich garden soil, press it down hard and firm and scatter the seeds on the surface, a packet in each cup, covering them to the depth of an eighth or quarter of an inch with clean sand. Then fill up carefully with water, so as not to disturb the seeds, and place where they will keep at a temperature of 70 or 80 degrees till they germinate. Those who have no green-house can start them near a stove or on the mantel-piece, moving them to a warm, sunny window as soon as the plants are well up. Examine often and see that the water does not all evaporate from the cups. After the plants have made leaves a quarter inch across, and are large enough to handle, transplant to three-inch pots which have been nearly filled with soil composed of old, thoroughly decayed stable manure and garden soil in about equal parts. Press the soil down firm and set a plant in each pot covering the soil with a little sand to hold it down, and put them in a pan of water deep enough to cover the plants about an inch. They can be kept in a green-house, hot-bed, or a warm, sunny window in the house until time to plant out in the tubs, which is early in June in this latitude. Tubs can be made from any strong, tight barrel sawed in two, or molasses hogsheads, would be still better; or tanks of cement can be made in the ground of any size desired. The tubs can be kept on the surface or sunk partly or wholly in the ground. Put them where they will get at least six or eight hours of sun during the day. Fill the tubs about half full of soil composed of about equal parts of garden soil and old, decayed stable manure, firming it well down. Set only one plant in a tub and cover the soil with an inch or two of coarse sand or gravel to hold it down. Do not cover the plants with more than two inches of water until they have made considerable growth. Deep water is not necessary at any time; four to eight inches is enough. It is not necessary to change the water in the tubs more than two or three times during the summer.

NYMPHAEA Zanzibarensis azurea , (Blue African Water Lily.) This is a magnificent variety, and is of all shades from lavender to a rich, deep azure and purple; per packet	10
Zanzibarensis rosea , (Red African Water Lily.) A rare variety, and like the above in all respects except color, which varies from light pink to rosy purple and crimson. Both varieties are very fragrant; per packet	10
Scutifolia , (South African Water Lily.) A very fine variety; white shading to azure blue on tips of petals	10
Dentata , (White African Water Lily.) A grand species from Sierra Leone with pure white flowers as large as those of the Zanzibar varieties. The seeds of this variety require several weeks to germinate, and it is best to start them as early as possible	10

SPECIAL OFFER : For 35 cents I will send one packet each of the above four varieties.

PLANTS OF WATER LILIES. In May and June I can supply five plants of these Water Lilies. For prices see the latter part of this catalog where also will be found descriptions and prices of forty other varieties of Water Lilies as well as other aquatics.



SALPIGLOSSIS grandiflora.

Large-flowered Velvet Flower.

The Salpiglossis is one of the best and most beautiful of annuals, yet it is but little known, and when a good collection is exhibited at the flower shows it always attracts much attention. The plants grow about two feet tall, branching and flowering freely for several months. The flowers are nearly three inches across, and the colors are varied and very rich, elegantly veined and penciled, and the petals have a peculiar texture like the richest velvet to both sight and touch, entirely different from any other flower. It is of the easiest culture, doing best in light, rich soil. Seeds may be started early in house, but it does best when sown in the open ground where it is to flower, in rows ten inches apart and thinned to six or eight inches in the rows. Ten varieties: Scarlet, crimson, black, purple, purple penciled with carmine, rose, yellow, yellow edged with white, violet, violet veined with yellow. Each of the above ten varieties, in separate packets, per packet, 10

All varieties mixed, per packet 10

Collection of ten varieties, in separate packets, one packet of each 80

NEW EMERALD BALSAMS.

The Double Balsam is one of the most popular and beautiful of annuals, the flowers of a first-class strain resembling Roses and Camellias. The Emerald is a strain which I have tested for two years by the side of every strain of Balsam I could obtain in Europe and America. It proved so much superior to all the others that I feel confident my customers will thank me for introducing it. Nearly every plant of the many hundreds I have grown produced flowers as large and perfectly double as Camellias, while no other strain contains such a variety of colors, which includes pure white and many shades of red from light pink to dark blood crimson and many varieties superbly spotted, mottled, and striped with white. The flowers are so very double and perfect that many plants did not bear a dozen seeds each, and they are necessarily more expensive than common strains. Start Balsam seeds in the house early and plant 18 inches apart after danger from frost is past. When the plants begin to branch, pinch out the central shoot and all the branches except four or five, and these will grow very long and be perfect wreaths of flowers. If left unpruned the flowers are too much hidden by the foliage. The first flowers that open are often only semi-double, but if these are kept picked off they will soon come perfectly double. Only semi-double, but if these are kept picked off they will soon come perfectly double. New Emerald Balsam, all colors mixed, 15



The aquatic plants arrived safely and are doing nicely. Thanks for extras. The Water Lily seed I bought from you last year came up splendidly and were a perfect success throughout the season. and the flowers were the admiration of all who saw them.—H.A.CAWLEY, Haddonfield, N.J.

NEW GIANT JAPANESE MORNING GLORIES.

Ipomoea triloba-imperialis.

I was the original grower and one of the original introducers of these magnificent flowers in this country and offer an unsurpassed strain containing over two hundred varieties, particularly rich in the rare golden and golden and silver variegated-leaf varieties. By crossing the finest varieties during the past three years many new and beautiful sorts have been produced, some even surpassing the original varieties. The Morning Glory is one of the flowers most highly prized by the Japanese and the finest collections are found in the gardens of the gentry of that country who make a hobby of them and have many rare varieties not found in the seed stores or commercial collections. My original collection contained about 200 varieties and was brought to this country in 1893 by PROF. ISAAC GOODELL of Fort Worth, Texas, who was presented by his Japanese pupils with the choicest collection that could be found in private gardens as a token of their esteem. The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. No other flower, not even the Pansy, equals them in this respect. They are of all shades of red, from the most delicate pink to the most brilliant crimson and maroon, and innumerable shades of blue, from pale lavender to the richest indigo and royal purple; also white, yellow, brown and many other odd shades. Many varieties have a distinct marginal band of a different color from the rest of the flower, and some are elegantly spotted with pink, crimson, blue, brown, etc., like finest Gloxinias; others are striped, blotched, mottled, rayed and shaded in an indescribable manner, often having seven or eight colors and tints in one flower. Many are of odd and singular forms; some have the petals separate and distinct clear to the base and resemble large single Pinks more than Morning Glories. Many have scalloped, fringed or ruffled edges; some are double like double Petunias. The leaves are of various forms, some ivy-like, smooth and glossy; others, very hairy; some are green, splashed and variegated with white and silver gray. Many of the finest varieties have rich yellow or golden-bronze leaves, often splashed, marbled and mottled with white, gray and green. The vines of most varieties are of very vigorous and rapid growth, climbing from fifteen to thirty feet. They branch freely near the ground and soon cover arbors, piazzas, trellises, fences, walls or buildings with a mass of rich foliage and flowers. They begin to flower in a few weeks after planting the seeds and continue to bloom until killed by frost. I have counted over one hundred flowers open at once on a single vine trained to a pole eight feet high. They are inclined to branch very freely near the ground, and when it is desired to have them climb high all the branches, except three or four on a plant, should be pinched off as fast as they start. While these Morning Glories are the most useful and valuable of all the vines for culture in the open ground, in any situation where vines can be used, they also make the most elegant pot plants that can be imagined for the decoration of conservatories or windows, and by starting seeds at different times they may be had in bloom at all seasons of the year. When they are confined in five or six inch pots they make only a few feet of growth, but bloom freely, beginning when only a foot or two tall. They begin to flower earliest in soil only moderately rich. Nearly 300 varieties covering a quarter acre bloomed at Pansy Park last summer, 25,000 to 30,000 flowers opening on some mornings, making an enchanting display that will not soon be forgotten by those who were fortunate enough to see them. They are as easily grown as the common Morning Glories and after testing them thoroughly for three years in all kinds of soil and situations I can say without hesitation that they are the most elegant and valuable annual flowers introduced during the past twenty-five years. The flowers of the different varieties vary in size from three to five and sometimes even six inches in diameter, all growing largest during hot weather. The rare and beautiful golden and golden and silver variegated-leaf varieties would be well worth growing, even if they had no flowers, for the beauty of their foliage alone. It is unfortunate that collections have been introduced in this country which contained few or none of these rare varieties, as large quantities of seeds will, no doubt, be grown from the more common plain-leaf sorts which are apt to disappoint purchasers in this respect. In regard to this a correspondent of the horticultural paper, *Gardening* (page 371, Sept. 1, '95) writes: "What is the reason the extensively vaunted Japanese Morning Glories lack all vegetation in leaf?" To which the editor, WM. FALCONER, replies: "You cannot have a choice strain. You ought to see them at Dorsoi is. The leaves are marbled and blotched, and many of them are almost self yellow. We send you some by mail to whet your appetite for a feast next year. And their flowers! They are brilliant, beautiful, lovely, and largely in a variety of colorings uncommon among ordinary Morning Glories. *** We got ours from L. W. Goodell, Pansy Park, Dwight, Mass."



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BY A. BLING

PRIVATE GARDEN COLLECTION, all varieties mixed. This is the very best strain of all varieties in mixture, grown from the original private garden collection brought from Japan by Prof. Goodell. It contains among other rare varieties a good proportion of the golden and the golden and silver variegated-leaf sorts, and is superior to any other strain offered in this country or Japan, as was closely shown by tests on my grounds last year, where thousands of vines were grown including samples from every grower and dealer in this country and Japan that could be obtained. It is above comparison with the cheap commercial seed of which large quantities have been sold, to the disappointment of the purchasers. Price per packet of about 40 seeds, 10 cents; four packets for 35 cents; six packets for 50 cents; thirteen packets for \$1.00.

Spotee varieties mixed. The flowers of these are the most elegant in coloring of all, many of them being as finely spotted and variegated as the choicest gloxinias. Per packet, 15 cents; three packets for 40 cents.

Golden and Variegated-leaf, sorts mixed. Nearly all of the vines from this seed will have golden and golden and silver variegated foliage with flowers of a great variety of colors, shades and markings. These bear but very little seed. Packet of 25 seeds, 15 cents; three packets for 40 cents.

Ruffled and frilled, mixed varieties. Most of the vines from this mixture will bear large flowers ruffled, frilled and fringed, of various colors. They are considered by many to be the finest of all. Packet of 40 seeds, 15 cents; two packets for 25 cents.

Commercial Seed, finest mixed. This is the best commercial seed to be obtained, about one-half imported from Japan and the balance of American growth from imported stock. Packet 5 cents; six packets for 25 cents; thirteen for 50 cents.

Silver and Gold. A new variety with magnificent large, pure white, ruffled flowers and golden yellow foliage. Packet, 10 cents.

Yellow. A very rare variety which was sent me from Japan by a famous Japanese grower. The flowers are of a canary yellow color, often striped and blotched with azue blue. The leaves are beautifully marbled and blotched with white and silvery gray. Per packet, 10 cents.

Hebe. A new variety, now first catalogued, and one of the very finest. The flowers are very large of several shades from light to a bright cherry crimson with a wide distinct white border, and they are very freely produced. The leaves are a rich yellowish green, or golden bronze, splashed and mottled white and gray. It is one of the best for pot culture. Packet, 10 cents.

Princess. Flowers white, beautifully striped and spotted with crimson. Packet, 10 cents.

Aurora. Flowers crimson, very much ruffled and frilled. Packet, 15 cents.

Minerva. Gorgeous fringed, ruffled and frilled flowers of a deep carmine with white border and delicate pink throat. Packet, 15 cents.

Cleopatra. Flowers of a brilliant carmine with white border and throat, golden foliage. Packet 10 cents.

Juno. Sky blue flowers and golden and silver foliage. Packet, 10 cents.

Luna. Leaves rich golden bronze marbled with pale yellow and silvery white. Flowers very large, dark and light blue. Packet, 10 cents.

THE FAIRY ZINNIAS.

This new and improved class is without exception, the finest of all Zinnias, either for bedding or cutting. Many object to the old-fashioned Zinnia because of its dull, neutral colors, but in this strain the colors are as brilliant and more numerous than in Phlox. The flowers are of the most perfect form, $1\frac{1}{2}$ to 2 inches in diameter with imbricated petals which overlap each other like shingles on a roof. The plants form compact symmetrical little brushes about $1\frac{1}{2}$ feet tall by as much in diameter, and bear great numbers of flowers, a single plant often having from 50 to 100 open at one time. They are truly little beauties and sure to please all who grow them. The first flowers that open on Zinnias are sometimes imperfect while those that follow come perfectly double. There are eighteen colors—white, pink, salmon, rose, deep rose, rosy purple, deep purple, magenta, light red, crimson, scarlet, straw color, sulphur yellow, canary yellow, yellow, deep yellow, orange. All colors mixed, per packet 10 cts.; 3 for 25 cts.

DOUBLE ZINNIA, Zebra. The flowers are of medium size, of perfect form and of various brilliant colors, about one-half of the plants bearing flowers most elegantly striped and spotted with several shades of red, on white, yellow, rose, and orange ground; sometimes the same plants bearing both self-colored and striped flowers. 10



Double, Mammoth. These differ from the old Zinnia in the larger flowers which are nearly twice the size and of various striking colors. Mixed colors 10

Double, Curled and Crested. Large flower, the petals elegantly curled and crested. Mixed colors 10

VARIEGATED JAPANESE HOP.

This is one of the most beautiful climbing plants I have ever seen. It is an annual, climbing ten or fifteen feet, and of very easy culture in any soil or situation. The large, luxuriant foliage is distinctly striped and blotched with silvery white, yellowish white, and light and dark green. It is never injured by insects nor affected by the heat, but retains its fresh and elegant variegated foliage until late in the autumn. For covering arbors, fences, porches, or in any situation suitable for climbing plants it will give great satisfaction. Per packet 10

CLIMBING DOLICHOS, Daylight. A rapid growing climber from Japan bearing large spikes of pea-shaped pure white flowers so freely that they fairly cover the vines from top to base, and the flowers are followed by creamy-white waxy pods about 3 inches long. Packet, 10 cents.

DOLICHOS, Darkness. Light Daylight in all respects, except that the flowers are of a deep violet color, and the pods are deep crimson. Packet, 10 cents.

PATRINIA hispida. A new hardy perennial from Siberia, attaining a height of about 15 inches and bearing deep yellow flowers in very large numbers. 25 cents per packet.

TORRENIA, New Giant Flowering. Beautiful annual blooming all summer in the open ground or in pots in the house in winter. The flowers are white, purple, blue, etc., and freely produced. 15 cents per packet.

ANNUALS.

In this department will be found the older and best known varieties, embracing besides the true Annuals some Biennials and Perennials that flower the first year from seeds and are commonly treated as Annuals. The figures on the right of the columns give the price of each variety per packet, in cents.



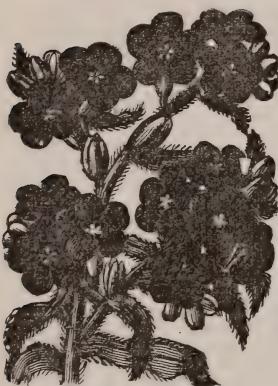
ANTIRRHINUM.
(*Snapdragon*.)



ASPERULA AZUREA
SETOSA.

ANTIRRHINUM majus. (*Snapdragon*.) One of the best and most popular of the hardy perennials; blossoms abundantly all summer and until hard frost in autumn; flowers in spikes and very brilliant. Plants may be set eight or ten inches apart. Ten of the best and brightest varieties mixed. 5

ASPERULA azurea setosa. An exceedingly pretty, hardy annual, as useful as Sweet Alyssum, producing clusters of small, light blue, sweet-scented flowers in profusion; about ten inches in height, and plants may stand six inches apart. 5



ANCHUSA CAPENSIS.

son; fine for bouquets; four colors mixed. 5

AMARANTHUS splendens. (*Rainbow Plant*.) This is the most gorgeous Amaranthus ever seen, and a splendid bedding plant. It grows two feet or more tall, with all the leaves on the upper half of the plants of brilliant crimson, rose, amaranth and yellow shades, nearly every plant coming true to description. Sow seeds in the house, and plant out fifteen inches apart after danger from frost is over, in rather poor soil or at least not rich. 10



AMBROSIA Mexicana. Bears graceful sprays of small, greenish flowers, good for bouquets. 5

BRACHYCOME iberidifolia. (*Swan River Daisy*.) A very pretty little hardy annual, producing an abundance of white and blue flowers; eight inches; mixed colors. 5

BALSAM. A very popular showy plant bearing an abundance of large double flowers through the summer. Choice double mixed colors. 10

CALENDULA officinalis. The modern improved varieties of this old garden plant are among the most valuable and showy of annuals.

Meteor. has large, double, creamy white flowers, each petal edged with yellow. 5



Prince of Orange, like the above, except that the stripes are of a deep orange color giving the flowers a very unique appearance. 5

Oriole, a magnificent new variety with very large and double flowers of a deep, clear orange color. 10

CALLIOPSIS. A very showy class of hardy annuals, blooming abundantly; flowers of a great many shades of yellow, orange and rich brown, often finely spotted; one to two feet in height and may be set about ten inches apart; mixed colors. 5

CENTAUREA (*Bachelor's Button*). A well-known old-fashioned flower, the colors varied and bright, unsurpassed for cutting. Seeds may be grown where they are to flower and the plants thinned to a foot or more apart; mixed colors. 5

Double, very fine, mixed colors. 10

CHRYSANTHEMUM tricolor (*Annual Chrysanthemum*). Very showy flowers of various colors, blooming all summer; mixed colors double and single. 5

segetum grandiflorum. A very showy variety with large golden yellow, daisy-like flowers in abundance all summer; a fine bedding plant. 5

CELOSIA cristata (*Cockscomb*). A very curious and showy, well-known annual of many colors; mixed colors. 5

Japanese. A magnificent bedding variety, three feet tall, the combs delicately cut and of the brightest scarlet and crimson. Start seeds early in the house and plant out in good rich soil. 5

ASTERS.

Nothing will make such a gorgeous display during the latter part of summer and autumn as the China Aster, and every garden should have a good assortment of the different classes which vary much in the habit of the plants as well as in the flowers. The Aster has been one of my leading specialties for many years. They are unsurpassed in quality by any in the world, and thousands of my customers say they are the best. Aster's flower best in cool weather and it is a mistake to start them to early,—from the last of March to May is the proper time in this latitude. Make the soil deep and rich and set the tall sorts a foot apart and the dwarf six to eight inches.

Late White Branching. (*Sepple's or Vick's Branching.*) This is of great merit and considered by many as the finest of all Aster's. While the Queen of Spring is the earliest variety known, this is the latest, blooming after other varieties are gone. The flowers are of extraordinary size—4 to 5 inches across—and borne on long stems, are exceedingly graceful and handsome, with broad, wavy, curled or twisted petals, very much resembling Japanese Chrysanthemums. 10

Late Branching, Pink, a beautiful shell pink, a color very rare in flowers. 10

Late Branching, Dark Red, a new color in this class. 10

Golden Crown. This beautiful new Aster is the only real yellow variety ever produced, and a great acquisition. The flowers are of a rich, light, golden yellow in the center, changing to a clear, sulphur yellow when fully expanded, the outer row of petals being pure white. The plant is strong and branching, about eighteen inches tall. 10

Truffant's Peony-flowered, splendid, large flowers, the petals slightly incurved, one of the finest Aster's; 2 feet tall; 18 colors, mixed 10

Rose-flowered, very large flowers with the petals often finely imbricated. Plant of good habit, two feet tall, and very free blooming. 18 colors mixed. 10

Rose-flowered, Dark Scarlet, of a dark crimson scarlet or maroon color, the deepest, richest colored Aster ever produced. 10

Victoria, one of the most beautiful and popular of Aster's; flowers large, double, with reflexed petals, 18 inches tall; 18 varieties mixed. 10



COMET ASTER.

twisted petals. 15

Japanese Tassel, a new and distinct class. No flowers of any Aster surpass these in size except the Late Branching. The petals are very long and tubular, reminding one of some of the Japanese Chrysanthemums of the Lilian B. Bird type. The colors are flesh, rose and mauve. Mixed colors. 10

Ostrich Plume, a new class similar to the Giant Comet, but with even longer petals; flowers larger and of several colors, white, rose, pink, etc., mixed colors. 15

Zirngiebel's Double White, one of the choicest and most satisfactory of the white varieties. The plant is of good habit, about 18 inches tall, very free blooming, the flowers large, very double and globular, pure white. 10

Cocardeau or Crown-flowered, a very beautiful class about 15 inches tall; flowers large, perfectly double with large white centers, the outer petals of various colors; mixed varieties. 10

Dwarf Chrysanthemum-flowered, about a foot tall and a popular class; flowers large and of various colors; 18 colors mixed. 10

Betteridge's Prize, a strong, branching plant, 18 inches tall with elegantly quilled globular flowers; 15 colors mixed. 10

Imbrique Pompon, a distinct class with small but very double and perfect imbricated flowers borne in such profusion as to completely cover the plant; one of the best and most popular classes; 18 inches tall; 24 varieties mixed. 10

Pompon Crown, small, very double flowers of various colors, with white centers; extra fine; mixed colors. 10

Hedgehog or Needle, long, sharply pointed petals; 2 feet; mixed colors. 10

Harlequin or Leopard, an elegant sort, the flowers of medium size, perfectly double, and a large part of them beautifully spotted with red or purple on white ground; 15 inches. 10

Ne Plus Ultra, a choice variety growing about a foot tall, the flowers large, on long stems, double, with imbricated and reflexed petals; six colors mixed. 10

Boltz's Dwarf Bouquet, a very fine variety for filling small beds, or for edging; very dwarf and compact; each plant looks like a bouquet of flowers set in the ground; six inches; mixed colors. 10

Dwarf Pyramidal Bouquet, a fine, compact, pyramidal plant about 10 inches tall bearing large flowers; one of the earliest blooming varieties; 12 colors mixed. 10

Washington, flowers of the largest size and of a number of colors; 18 inches tall; mixed colors. 10

Princess, an elegant free-blooming variety with medium sized double flowers which are imbricated to the center. White and rose; mixed colors. 10

Ball or Jewel, medium sized globular flowers with incurved petals; a very choice variety; mixed colors. 15

Dwarf Shakespeare, about six inches tall with small double flowers of various colors. 10

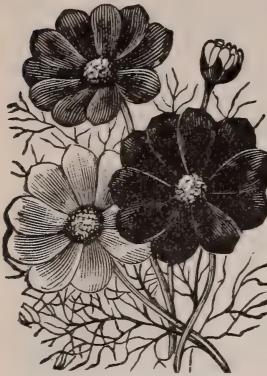
Triumph, the most charming dwarf variety ever seen. It grows to the height of 7 or 8 inches, and each plant bears from 20 to 30 very double flowers, 2½ inches across, which are of a lovely, deep, satiny scarlet color, and scarlet striped white; mixed colors. 15



CROWN ASTER.



BOLTZ'T DWARF.



COSMOS hybridus grandiflorus. Fine annuals, growing five feet tall with elegant foliage and bearing a profusion of flowers late in the fall, resembling single Dahlias. The colors are white and various shades of rose and purple. They do not flower well north of New York unless started very early 10

DOUBLE DAHLIA. This popular flower is easily grown from seeds which germinate as freely as Aster or Zinnia seeds, and if started early in a frame or in boxes in the house, bloom almost as early as plants from the tubers, and frequently produce as fine flowers. Seeds saved from a large collection of the finest named double varieties 20

New Single. The new single varieties of Dahlia have become very popular and can be highly recommended for bedding, and are especially valuable for bouquets. They bloom very freely and are of all the colors of the double varieties. Finest mixed, from the largest and best collection in Europe 15



DOUBLE DAISY.

DOUBLE DAISY (*Bellis perennis*). A well-known hardy little plant, with small, neat double flowers in abundance. Seed should be sown as early as possible, and the plants set four or five inches apart, in a cool, shady place. Best German seed, mixed colors . . . 15
Snowball, large, double, pure white 15
Longfellow, very large red flowers 15



CONVOLVULUS minor, (*Dwarf Morning Glory*). One of the prettiest of hardy annuals, producing an abundance of flowers through the summer and autumn. The plants are of spreading habit, and may be set fifteen inches apart. Blue, white, lilac, etc., mixed . . . 5

My Asters and Zinnias last year were the admiration of every one. My Pansies, from seeds I got from you last August, are in full bloom and have been since Easter. I had 2800 plants and not a poor one. Some of the Giants measured three inches across. I want to thank you for your good, true seeds. I think I have given your address to at least 100 persons, in reply to the question "Where do you get your seeds?" —MRS. JAMES F. BARNARD, North Haven, Conn.

I have catalogs from all directions and after a trial of many years of your seeds I find they give the best satisfaction of all.—MRS. LOUISE EASON, Oswego, N. Y.

The Dahlias grown from the seeds obtained from you were much admired. I had 26 plants and 16 varieties, double and single, one magnificent one nearly as large as a saucer, and a lovely pink color.—CLARA E. FAIRCHILD, Saugus, Mass.

COLEUS. The most popular of all foliage plants, the leaves variegated with many shades of red, yellow, maroon, etc.; sow seed early in the house; choicest mixed, from a large collection of named varieties 25
CANDYTUFT. An old and popular hardy annual of easy culture; six colors mixed . . . 5
Dwarf White. An exceedingly fine variety, each plant forming a compact bush four or five inches tall and a foot in diameter, completely covered with clusters of white flowers, remaining in bloom much longer than the old sorts 10

DIANTHUS, (*China* and *Japan* *Pinks*).

These are among the most popular and beautiful of summer blooming flowers. The colors are rich and varied and they flower freely all summer, and sometimes the second summer also if the plants are not exhausted by flowering the first. They are of easiest culture, growing 10 to 15 inches tall in any good soil, and may be set 10 inches apart. The seeds should be sown early in April in this latitude. My

collection of these is noted for being the largest and finest in America, and has been awarded the FIRST PRIZE six years in succession, every time it has been exhibited, by the Massachusetts Horticultural Society.

Chinensis, (*China Pink*), small double flowers in large clusters; mixed colors 5
Chinensis albus, fl.-pl., double white 5
nanus roseus, fl.-pl., rose color 10
imperialis (*Imperial Pink*), double mixed . . 5
imperialis albus, fl.-pl., double white 5
Hedewigi, magnificent single flowers from two to three inches across and of the richest colors; mixed colors 10
Hedewigi, fl.-pl., double, mixed colors 10
atropurpurius fl.-pl., very large, rich, dark red, double flowers 10
albus fl.-pl., large, double white 10
nanus albus, fl.-pl., very dwarf, with large, double white flowers 10
nanus coccineus fl.-pl., dwarf, deep blood red 10
diadematus fl.-pl., (*Diadem Pink*), large double flowers of the most brilliant markings and rich, dazzling colors; mixed colors 10
Eastern Queen, very large, white, beautifully marbled with rose and crimson; extra fine 10
Crimson Belle, very large flowers of the richest, deepest crimson; splendid sort 10
The Bride, new, large, white with a crimson maroon zone 10
Mourning Cloak, large double flowers of a deep maroon, almost black, edged with white 10
laciniatus, large, fringed flowers 10
laciniatus fl.-pl., magnificent large, double, and deeply fringed flowers; mixed colors 10
atrosanguineus fl.-pl., large, double, dark blood red, fringed flowers 10
atrovioletaceus fl.-pl., dark violet, double 10
striatas fl.-pl., double, striped; extra 10
All the above in splendid mixture 10



MOURNING CLOAK.
($\frac{1}{2}$ natural size.)

CANNA. Beautiful foliage plants, with large, broad leaves and scarlet or yellow flowers. Soak the seed in warm water until the sprouts start, and sow under glass early; many varieties mixed 10



DATURA.
(1/6 natural size.)

ESCHSCHOLTZIA, (*California Poppy*). A very showy, hardy annual with bright yellow, orange and white flowers. Sow seeds early where they are to bloom; mixed colors 5

EUPHORBIA marginata, (*Snow on the Mountain*). A fine foliage plant, the leaves on the top of the plants margined with pure white; 18 inches tall 5

GARDOQUA betonicoides. A plant about 18 tall, with very fragrant foliage and spikes of small reddish flowers; fine for bouquets 5

GERANIUM, Zonale. The Geranium is easily grown from seeds, which should be soaked in warm water for twelve hours before sowing. Mixed colors 10

GAILLARDIA picta Lorenziana fl.-pl. This is one of the most valuable hardy garden flowers introduced for many years. The plants grow about 18 inches tall, very bushy, and the flowers, which are in large globular and semi-globular heads, are produced freely from June till late in the fall. It is a first-class bedding plant very fine for cutting bouquets as the flowers grow on long wiry stems. Sow seed in frames or boxes if possible

and transplant where they are to bloom, a foot apart. Orange, sulphur yellow, amaranth, claret and variegated, mixed 10

GODETIA. A fine and showy hardy annual, the plants growing about a foot tall, very compact and bushy. They bear great numbers of large Azalea-like flowers of a peculiar satiny appearance, each plant resembling, when in full bloom, a miniature Chinese Azalea. They do best when sown where they are to grow and thinned to ten inches apart. Satin rose, crimson, carmine, white, striped, and many other varieties mixed 10

HELIANTHUS (*Sunflower*). Well-known, stately plants, with showy yellow flowers.

Double, finest double varieties, mixed 5

cucumerifolius, dwarf, very profuse blooming species, the flowers about two inches across, and excellent for cutting 10

LINUM grandiflorum rubrum (*Scarlet Flax*). Showy, phlox-like flowers; one foot 5

HELIOTROPE. These if grown from seeds and started early will make strong, healthy plants which will bloom freely in the open ground. Finest mixed 10

GYPSOPHILA (*Mist Flower*). Very pretty hardy annual, bearing numerous and very graceful sprays of small flowers; very fine for beds or border, and indispensable for bouquets. Sow where they are to grow.



GYPSOPHILA (*Mist Flower*). Very pretty hardy annual, bearing numerous and very graceful sprays of small flowers; very fine for beds or border, and indispensable for bouquets. Sow where they are to grow.

muralis, a dwarf, compact, bushy plant with beautiful pink blossoms 5

elegans, about 18 inches tall with whitish flowers 5

LOBELIA. Beautiful hardy annuals, bearing a great number of small, richly-colored flowers. Exceedingly fine for baskets or edging the beds. About six inches in height, and plants should be set four or five inches apart

speciosa, sky-blue, white eye 10

LOBELIA, finest mixed colors 5

MIRABILIS Jalapa: This old garden favorite, popularly called Marvel of Peru and Four O'clock, is one of the most ornamental of flowering plants, resembling in its habit of growth and form of its bright and varied colored flowers, the beautiful Chinese Azalias; two feet tall; eight varieties, mixed 5

MIRABILIS longiflora (*Jockey Club*). A species of trailing habit with long-tubed very sweet-scented purple and white flowers, a small bed filling a whole garden with fragrance similar to that of tuberoses 5

MIGNONETTE, sweet, (*Reseda odorata*). Well known, fragrant, hardy annual 5

Golden Queen, is one of the best and most distinct varieties of Mignonette, the flowers being of a rich yellow tint and very fragrant 10

Machet, a variety of very dwarf, vigorous growth, with massive spikes of deliciously scented red flowers, the best of all sorts for pots 10

Giant White Spiral, an entirely distinct variety growing three feet tall, with long spikes of white flowers, often a foot or more in length, which have the fragrance of "new mown hay" 10

MOLUCELLA Lœvis (*Shell Flower*). A very singular, hardy annual, a native of Syria, with curious shell-like flowers 10

MYOSOTIS palustris (*Forget-me-not*). Well-known, little hardy plant, with sprays of small white and blue flowers 5

OXALIS corniculata purpurea. An excellent low bedding plant with rich purple brown leaves and small yellow flowers. If plants are set three or four inches apart they will soon cover the ground like a carpet 10

MESEMBRYANTHEMUM crystallinum (*Ice Plant*). A curious, half-hardy annual. The leaves seem to be covered with crystals of ice; of trailing habit 5



SHELL FLOWER.

NICOTIANA affinis (*Evening Stars*). One of the finest annuals of recent introduction. The plants grow about three feet tall and bloom profusely all summer. The flowers are white, two or three inches long and about as much in diameter, and are very sweet-scented, a small bed filling a whole garden with fragrance. It also succeeds admirably as a house plant. The plants can be taken up in the fall, cut back and potted for the house, where they will bloom freely all winter. Seeds are rather slow and uneven of germination and should be sown in a frame or box

GENOTHERA Lamarckiana grandiflora (*Evening Primrose*). A magnificent, hardy biennial, blooming the first season if sown early. Flowers are four inches across and of a rich sulphur yellow opening about six o'clock in the afternoon and so suddenly that they can almost be seen to open. About five feet tall and well covered with flowers



IMPROVED POPPIES.

UNBROSUM, a gorgeous variety with large single flowers of an intense dark scarlet with black blotches



RICINUS.

hills three feet apart and thin to one plant in each hill. Make the soil very rich. Eight of the most distinct varieties mixed

SENSITIVE PLANT, (*Mimosa pudica*). A tender annual of spreading habit, with pretty foliage; the leaves, when touched, suddenly close and droop in a most curious manner; a fine pot plant

I enclose money order for \$1.94 for which please send collections of your seeds. Those I had from you last year turned out very well.—EDWARD WILLIAMS, George Bay, Tasmania.

PORTULACA GRANDIFLORA



DOUBLE PORTULACA.

For brilliant dazzling colors, nothing can excel a bed of Portulaca when in full bloom. The colors are numerous and produced in profusion all summer. Easily transplanted at any stage of its growth, even when in full flower. The seed germinates slowly requiring considerable heat, and care must be taken that the surface does not get dried out, which will surely ruin the seed. Seed often fails to germinate from this cause especially when sown in the open ground. Ten colors mixed

Double Rose-flowered, a perfectly double variety of the above, the flowers closely resembling small roses. About one-half of the plants from seed of first quality will usually produce double flowers. To make a bed of all double flowers, set plants when small three inches apart, and as soon as they show flower transplant the double ones to a bed where they are to bloom, setting the plants eight inches apart. Eight fine colors mixed, first quality



TEN WEEKS STOCK.

STOCK *Ten Weeks* (*Matthiola annua*). Ten Weeks Stocks or "Gilliflowers," as they are often called, are very beautiful plants with splendid spikes of double, very fragrant flowers of a variety of colors. Seeds germinate easily either in the house or garden. If transplanted do so when the plants are small setting them a foot to eighteen inches apart, in good rich soil.

Large fl. Dwarf, an early and free-flowering variety; twelve colors mixed

Giant Perfection, a new class and the finest of all for garden culture if started early. The plants grow two feet or more tall, of pyramidal growth and have magnificent long spikes of very large double flowers. Sow seeds in March, pot off when small and plant out early, 18 inches apart; nine colors mixed

Giant Perfection, Pure White, the best of all white Stocks

STOCK Virginian (*Cheiranthus maritimus*). A very free-blooming, hardy annual of easy culture, with a profusion of small white, yellow and red flowers; 18 inches tall; mixed colors

WHITLAVIA campanularia. A plant six inches tall bearing a profusion of bell-shaped flowers of a rich intense blue, a very rare shade. Sow early in the open ground



SCHIZANTHUS.

SCHIZANTHUS. (*Butterfly Flower*). An exceedingly pretty, half-hardy annual, growing about two feet in height, and literally covered with small, curiously spotted and mottled flowers resembling small butterflies; 10 varieties mixed 5

SALVIA (*Flowering Sage*). Very beautiful, half-hardy plants, remarkable for the brilliancy of their colors. Sow seed early in a frame, or in the house, if possible, and transplant twelve inches apart after the weather has become warm.
splendens, large flowers in long spikes and of the brightest scarlet 10
patens, of the most beautiful and rarest shade of blue known in flowers. Plants may be cut back to the ground in the fall and the roots potted for the house 25



DWARF NASTURTIUM.

TROPÆOLUM minus (*Dwarf Nasturtium*). A splendid class of half-hardy annuals, with flowers of many shades of yellow, orange, scarlet and vermillion, often finely spotted. They make very brilliant beds, and flower best in soil only moderately enriched. Plant the

seeds where they are to flower after danger from frost is past, and thin to ten inches apart. Nine varieties mixed 5
Nine colors separate, sulphur spotted with maroon, orange and vermillion, yellow, rose, crimson, maroon, scarlet, ruby red, light red, light yellow, each color 10

Empress of India, a variety of a deeper, more brilliant scarlet color than any other; dark foliage; best of all for bedding 10

Chameleon, an elegant variety with crimson, bronze and gold variegated flowers 10

Lady Bird, golden yellow with a broad vein of crimson at the base of each petal 10

Golden-leaved, foliage very distinct, light greenish yellow, forming a striking contrast with the dark-leaved varieties; flowers vermillion 10

VERBENA hybrida. Choice mixed, saved from more than a hundred varieties 10

SCABIOSA, (*Mourning Bride*). This old hardy annual deserves a place in every garden, being very showy and of a great variety of colors, ranging from white to almost black. For cutting for bouquets there is nothing finer. Plants should be set a foot apart.

Double Tall, 18 inches; mixed colors 5
Double Dwarf, one foot; extra fine; mixed colors 5

EVERLASTINGS.

The Everlasting Flowers are a very valuable and beautiful class, keeping their natural forms and colors for many years. The flowers should be cut when in the bud, or as soon as they begin to open, and hung up in small bunches so that the stems will dry straight. They may then be worked up into bouquets, wreaths, baskets, etc., and make beautiful ornaments for the house. Plants of all the varieties may be set about ten inches apart.

ACROCLINIUM roseum fl. pl. This bears very pretty double pink and white flowers 10

AMMOBIUM grandiflorum. A fine species with double white flowers in abundance.

GOMPHRENA globosa (*Globe Amaranth*). The best-known of Everlasting Flowers. Should not be picked until the flowers are fully grown. Before sowing soak the seeds forty-eight hours in warm water; five colors mixed 5

HELICHRYSUM

monstrosum. One of the very best and most showy of the Everlastings; flowers very large and double and of many bright colors two feet; twelve colors mixed 5

RHODANTHE

Very elegant with delicate rose colored, white and maculated flowers; mixed colors 10

HELIPTERUM

Sanfordi. A very choice variety, each plant bearing a good many large clusters of small, rich, golden-yellow flowers 10

ORNAMENTAL GRASSES. These are very useful for working up with the Everlasting Flowers. Sow in the open ground early in the spring. They should be cut when in bloom. Tie up in small bunches, and dry in the shade. A great variety mixed 10

CLIMBERS.

The annual climbers are very useful for covering arbors, verandas, fences, etc., which they will do in a very short time. Support should be furnished as soon as they begin to run.

MAURANDYA

Barclayana. A beautiful hardy climber, with bell-shaped flowers and neat, abundant foliage; 6 feet; mixed colors 10

TROPÆOLUM

majus (*Nasturtium*). One of the very best and easiest grown of the climbers, succeeding in any garden soil. The flowers are of many shades of yellow and scarlet, striped and spotted. Eleven

colors mixed 5

MAURANDYA.
Eleven colors separate: Crimson, scarlet, orange, brownish lilac, chocolate, yellow, scarlet-striped, light yellow, straw color, spotted, purple, violet, maroon—each color 10

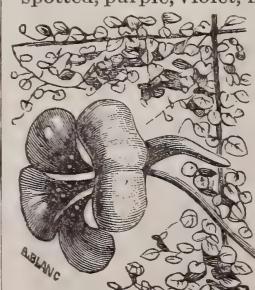
Lobbianum, a beautiful species with flowers resembling the common *T. majus*, but they are more cup-shaped and of more brilliant colors; eight feet; mixed colors 10

peregrinum (*Canary-bird Flower*). Bears a profusion of small, bright yellow flowers; very fine; 15 feet 10

THUNBERGIA

alata. An elegant climber with a profusion of yellow, white and orange flowers with dark centers,

Seeds should be sown in boxes in a warm place; four feet; six varieties mixed 5



TROPEOLUM LOBBIANUM.

ORNAMENTAL GOURDS.

Rapid growing climbers, producing some of the most elegantly colored and singularly formed of all fruits. Plant in rather poor soil. Orange, Lemon, Apple, Pear-formed, and many other sorts mixed



5



BALLOON VINE.

BRYONOPSIS laciniosa.

Elegant foliage and small, green striped fruits, turning to red, striped with white; ten feet

5

CARDIOSPERMUM halicacabum. (Baloon Vine).

Very ornamental, with singular inflated, balloon-like seed capsules. Sow under glass; five feet

5

CYCLANTHERA explodens. A rapid-growing climber with pretty oval fruits, which explode with a noise when ripe 10

COBCEA scandens. A beautiful, half-hardy plant, growing twenty feet in a season; flowers large, purple, bell-shape. Start the seeds as early as possible in the house, and set them edgewise, and do not water unless the earth gets very dry, otherwise they are apt to rot 10

alba, a rare white variety of the above 20

CONVOLVULUS major (*Morning Glory*). A well-known and very popular hardy climber of rapid growth; ten colors mixed 5

IPOMOEA Quamoclit (*Cypress Vine*). Elegant foliage and small, bright scarlet and white flowers. Soak the seed well in warm water and sow under glass early; mixed colors 5

PERENNIALS.

The varieties under this head mostly flower in the spring and summer of the second year from seed, and some of them continue in perfection for many years. Seeds may be sown at any time in the spring; and as they mostly require two or three weeks to germinate, particular care should be taken to keep the ground entirely shaded from the sun and well watered until they come up. Set plants a foot apart in any unused corner of the garden the first year, and transplant to the beds where they are to bloom early in the fall or spring. It is well to protect them during the winter with a slight covering of leaves, straw or evergreen boughs.

AQUILEGIA (*Columbine*). An old, hardy, perennial, producing fine flowers of a great many colors; 30 varieties mixed 5

cærulea, flowers two or three inches in width and as much or more in length; sky blue with white centers; three feet tall. This and the following are the finest of all the Aquilegias 10

cærulea alba, new, pure white, very fine . . . 10

chrysanthia, like the above except in color, which is a beautiful canary yellow; remains in bloom a long time 5

CAMPANULA Medium (*Canterbury Bells*). One of the very best of biennials, bearing a mass of large bell-shaped flowers of many colors; colors; mixed colors, double and single 5

calycanthema (*Cup and Saucer Canterbury Bells*). An elegant variety with the calyx colored like the corolla 10

CARNATION (*Dianthus caryophyllus*). The most magnificent of the Pink family, with large, double, fragrant flowers of various colors; choicest mixed German seed, from named flowers only 25

DIANTHUS plumarius, the old, original, fragrant, Clove Pink 5

plumarius, fl. pl., a fine double variety of the above 15

DELPHINIUM (*Perennial Larkspur*). For a mass of blue there is nothing that will equal in richness and brilliancy the Perennial Larkspur; finest mixed 5

Double, magnificent and very showy, from finest named varieties 15

DIGITALIS (*Foxglove*). A very showy plant with long spikes of flowers.

Ivy's Spotted, elegantly spotted flowers of several shades 10

HIBISCUS moschata (*Marsh Mallow*). A magnificent, perfectly hardy perennial, five feet tall, bearing beautiful pink and white flowers, five inches across, all summer; mixed colors 10

IPOMOPSIS (*Summer Cypress*). A beautiful plant, with finely divided leaves and long spikes of scarlet and yellow flowers; three feet tall; mixed colors 5

LINUM perenne (*Perennial Flax*). Very graceful and handsome; blue, yellow, white, rose, etc., mixed 5

LATHYRUS latifolius (*Perennial Pea*). A fine perennial climber, with large clusters of red and white flowers 10

PAPAVER (*Perennial Poppy*). Very showy scarlet, orange and yellow flowers three to four inches across; mixed colors 5



IRIS Kœmpferi (*Japanese Iris*). This magnificent species of Iris produces the most gorgeous flowers known, equal to the finest Orchids. They grow three to four feet tall and bear both single and double flowers, many of which are eight to ten inches across and of various rich colors and markings, including white and many shades of rich blue and purple, often blotched and laced with yellow and white. Easily grown from seeds which germinate in three to four weeks; sow one-half inch deep in a box and water often till they germinate. They will grow and flower well in any soil, but do best in a rich, heavy, moist loam, with plenty of water. Finest mixed 15

IBERIS sempervirens (*Perennial Candytuft*). Very desirable perennial, bearing clusters of white flowers in May and June 10

PRIMULA elatior (*Polyanthus* or *Primrose*.) A very interesting and beautiful class of spring blooming flowers. Seeds require from four to six weeks to germinate, and must be sown under glass. Choicest mixed from named flowers 15

PLATYCODON grandiflora. A grand showy plant three feet tall, with large neat blue and white flowers in abundance from June to September; mixed colors 10

HOLLYHOCK, *Superb Double*. The best and most showy of the perennial. The strain I offer is unsurpassed and embraces every color from white to deep maroon, almost black; 16 varieties mixed 15

PYRETHRUM roseum. (*Insect Powder Plant*.) A fine hardy plant with large Daisy-like flowers of different shades of red. The insect powder of commerce is the dry and powdered petals of the flowers; mixed colors . 10

SWEET WILLIAM (*Dianthus barbatus*.) The Sweet William is an old and well known flower, but has been much improved of late years, the trusses and flowers being larger and of greater variety of rich and beautiful colors. My strains are the finest in the country, and have received many FIRST PRIZES when exhibited at the shows of the Massachusetts Horticultural Society.

Improved Prize Sweet William, double and single, 38 varieties mixed 10

POPULAR BULBS.

GLADIOLI. The Gladiolus is the best and most popular of what are called Summer Bulbs. Its tall spikes of large flowers, which are almost every shade of color, spotted, blotched and striped in the most beautiful manner are truly gorgeous. The bulbs may be planted six inches apart, in any ordinary garden soil in April, May and June, and covered from three to five inches deep, according to size, and they will always give a good account of themselves. The Gladiolus blooms in about three months from planting, and by planting them at intervals of two weeks they may be had in bloom from July to October. Named varieties, 10 cents to \$1.00 each.

GLADIOLI *splendid mixed varieties*, including many fine seedlings equal to the best named varieties. They are nice flowering bulbs and always give the best satisfaction, making a splendid display for a little money. Per dozen, 30 cents; per half dozen, 20 cents; per hundred, \$2.50; per thousand, \$20.00.

GLADIOLUS CHILDSI. Named varieties, 25 cents to \$2.00 each. Mixed varieties, 10 cents each; four for 35 cents.

SEEDS OF GLADIOLI. The Gladiolus is easily grown from seeds, blooming the third season, and no two are ever alike. Sow in rows one-half inch deep and keep well watered until they germinate. Finest mixed saved from more than 300 varieties, per packet, 10 cents.

LILIES. The following are the best and easiest to cultivate:

LILIUUM auratum, the Queen of Lilies with flowers eight to ten inches across, pure white, spotted with crimson, with a golden band through the center of each petal; very fragrant; each 25

lancifolium rubrum, white, shaded with rose, spotted red; one of the very best; each 20

lancifolium album, white 30

superbum, orange red, spotted black 20

tigrinum (Tiger Lily) 20

tigrinum fl. pl. (Double Tiger Lily) 20

CHINESE YAL or Cinnamon Vine (*Discorea batatas*.) A beautiful herbaceous, ornamental vine of remarkably rapid growth, climbing from 15 to 30 feet in a season. The leaves are glossy green, veined with purple, and are never touched by insects. The flowers are small, white, in clusters, and emit a peculiar cinnamon-like odor so strongly as to fill the air around in the evening. The roots or tubers, which are edible, increase in size from year to year, and grow to a weight of several pounds each, and when once established will last a life-time in the ground. Plants root three inches deep in any good soil. It is well to cover the roots with some leaves or straw the first winter, but after that they are perfectly hardy in any part of America. The roots can be planted whole or divided in pieces and each piece will grow. One year old roots 10 cents each; three for 25 cents; 13 for \$1.00.

AMARYLLIS JOHNSONI, 50 cents.

BEGONIAS, *Tuberous-Rooted*. Fine selected Tubers, single scarlet, orange, crimson, pink, white, yellow, 20 cents each; three for 50 cents; six for 90 cents. **Single**, all colors mixed, 10 cents each; six for 56 cents. **Double** scarlet, pink, white, yellow, 30 cents each; four for \$1.00. **Double**, mixed colors, 25 cents each; five for \$1.00.

GLOXINIAS. In mixed colors only, 20 cents each; three for 50 cents; seven for \$1.00.

CALADIUM esculentum, 20 cents each; six for \$1.00.

CALADIUM. *Fancy Varieties*, 15 cents each; four for 50 cents.

HYACINTHUS candicans, 10 cents each; three for 25 cents.

TUBEROSE Pearl. This is the best variety; dwarf plants with large double flowers. Two for 10 cents; five for 20 cents; twelve for 40 cents.

AGAPANTHUS. (*Blue African Lily*.) A fine summer-blooming pot plant with large umbels of blue flowers on tall stalks. 25 cents each.

SEEDS FOR THE WILD GARDEN.

What is called a **WILD GARDEN** is becoming very popular. The plan is to take some back corner or spot in the garden and sow a quantity of the most hardy annual flower seeds that have been well mixed together, and except to thin them out and keep down the weeds, allow them to pretty much take care of themselves. The effect is very striking. I had many calls for such seeds last year, and have put up packages expressly for this purpose. Price per package containing over 100 varieties of seeds best adapted for the "Wild Garden," well mixed, 25 cents.

BOWKER'S FOOD FLOWERS.

This is a fertilizer made on scientific principles expressly for flowers grown in the house or garden, and is the best thing of the kind I have ever tried. It is free from odor and clean to handle. It produces a healthy, luxuriant growth, which is soon followed by an abundance of flowers. Everybody who has ever tried it has been delighted with the results. It is used by dissolving a little in water and applying to the soil once a week. Trial packages 25 cents each, postage paid. Pound packages by mail, post-paid, 50 cents each. Directions for use and a pamphlet which gives much valuable information about the culture of different kinds of house plants free with each package.

Seeds of House Plants.



CHINESE PRIMROSE (*Primula sinensis*).

The Chinese Primrose is one of the most popular and satisfactory of house plants. The flowers are of many shades of red, white, and white striped and spotted with red. By sowing seeds at intervals from March to July it may be had in bloom from November to May. The seeds should be sown in a box or pot, cover about an eighth of an inch with fine, light soil and keep moist till they germinate, and in a temperature of about 60°. A light, rich soil suits them best and they should be kept in as cool a place as possible during the summer and be shaded from the direct rays of the sun. Fine mixed, packet of about forty seeds 10

Choicest Mixed, the best English, German, and Italian strains of Fern-leaved and Large-flowered Fringed varieties, mixed; packet of about forty seeds 20

THE EVERBLOOMING PRIMROSE (*Primula obconica*).

This species of Primrose is one of the very best house plants I have ever seen. The flowers are about an inch across, in large clusters on long stems, and a plant is never without flowers, a good plant often having twenty or thirty clusters on at a time. The flowers are white, sometimes tinged with lilac, and have the true Primrose fragrance. Plants from seeds sown in early spring will begin to flower in summer and continue in full bloom throughout the year, never failing to produce their lovely flowers even during the dullest winter months. This is one of the things that cannot be too highly praised and is sure to please everybody. Seeds per packet 10

Grandiflora, a new variety with flowers nearly double the size of the above 15

CYCLAMEN.

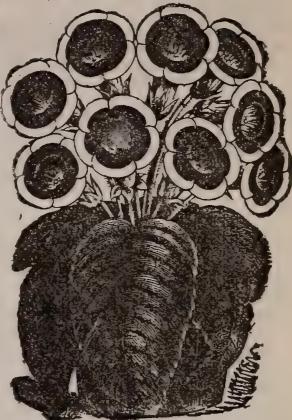
This is a splendid and popular bulbous plant of the easiest culture, bearing orchid-like, delicately colored flowers all winter. Its leaves are prettily variegated and veined, and it is well worth growing for its foliage alone. The seeds require five or six weeks to germinate, but every seed is sure to sprout. Sow seeds a quarter-inch deep in a box of good soil and keep constantly moist till they start. Pot up in rich soil as soon as large enough to handle, and if started early enough in spring they will flower the following winter. In order to get fine blooming plants the first winter, it is important to keep them growing vigorously in rich soil from the start. In the spring after they have done flowering they may be planted out in a cool shady place, or be gradually dried off and kept nearly dry through the summer. The bulbs should be repotted in five or six-inch pots every fall, in fresh rich soil.

CYCLAMEN Persicum, mixed colors 10
giganteum, magnificent, very large flowers $2\frac{1}{2}$ inches across, of various colors—purple, rose pink, white, variegated, etc. Mixed colors 25

CLOXINIA *grandiflora*.

This is a superb summer-blooming bulbous plant, producing magnificent, large, bell-formed flowers of peculiar richness of texture and coloring. They are white and all shades of purple and red, from rose to crimson, some with a border of another color, others elegantly stained and spotted. There is a peculiar richness about them which attracts the admiration of everyone.

They are very easily grown in rich, light soil. If seeds are sown in January they bloom the first year, but if sown at any time in spring will make fine bulbs for the second year. The bulbs can be preserved over winter in partially dry dirt in any warm room or cellar, potting them up in six-inch pots in spring, when they show signs of growth. The seeds are small and should be sown as directed for the Calceolaria. They should be shaded from the direct rays of the sun during all stages of their growth, and care should be taken in watering not to wet the leaves. The seeds I offer are from the finest strains in the world, and are unsurpassed for variety, size and brilliancy of colors. All colors mixed, per packet, 20



CALCEOLARIA, *hybrida grandiflora*.

The herbaceous Calceolaria is one of the most magnificent of house plants, bearing large clusters of curious, pocket-like flowers during April, May and June. The colors are rich shades of yellow, brown and crimson-maroon, many varieties being beautifully tigereed and spotted. The plants should be given the same treatment recommended for the Cineraria. The seeds are very fine and

should be sown with care from June to August. The best way to sow all fine seeds, like Calceolaria, Begonia, and Gloxinia, is as follows: Take a clean four or five-inch pot, fill half full of any coarse garden soil, then fill nearly full with light, rich soil of a sandy nature, which has been sifted through a fine sieve, press it down hard and make it perfectly smooth and level on the surface; then scatter the seeds very carefully on the surface, one kind in each pot. Such very fine seeds need but a very little covering, and the soil must be very carefully sifted over them, only just enough to cover them from sight, about the thickness of a sheet of paper. The best way to water all fine seeds and the small plants is to set the pots in a pan containing an inch or two of water, which will soon moisten the earth thoroughly, but they must be moved as soon as moisture appears on the surface. This should be repeated as often as necessary, never allowing the surface to become dry. The pots should be covered with glass and kept in a shady place, removing the glass and giving plenty of air as soon as the plants are up. Tigered and self-colored varieties in finest mixture, from Benary's celebrated prize collection 20



CALCEOLARIA FLOWER.
($\frac{1}{2}$ natural size.)

CINERARIA grandiflora.

Nothing else will give such a wealth of flowers during the winter and spring months as the Cineraria. The plants grow from one to two feet tall and bear great masses of flowers, each flower from $2\frac{1}{2}$ to 4 inches across. The colors are exceedingly rich and velvety, running through all the shades of red and blue—from light pink to crimson and maroon, and from light blue to a rich plum purple—many varieties having a large white center with a band of some other color. The strains I offer were awarded the FIRST PRIZE at the Columbian Exposition in competition with eighteen of the best strains from European and American growers, and undoubtedly the best in the world. Sow Cineraria seeds from May to August, and before the plants get crowded, pot up in three-inch pots of light rich soil, repotting to larger sizes as often as pots get filled with roots. They may be flowered in six to ten-inch pots. A light, rich soil and a low temperature—about 40° at night and not more than 50° or 55° during the day—suits them best. Keep them shaded from the direct rays of the sun and give liquid manure once a week; Bowker's Food for Flowers is the best of anything I know of for giving a strong, vigorous growth to all kinds of pot plants.



WORLD'S FAIR PRIZE CINERARIAS, Tall varieties mixed 20
DWARF VARIETIES mixed 20

SPECIAL OFFER: Both of the above, one packet of each for 35 cents.



BEGONIA gigantea, International strain, single varieties mixed, per packet 20
Double varieties, mixed, per packet 35

SPECIAL OFFER: One packet each, double and single varieties for 45 cents.

"Several years ago I used to get my Cineraria seeds from you, but for the past two years have been trying other places. Now I am glad to return to you, for I have never had as fine ones as those raised from the seeds I got from you."—MRS. S. R. WESSEL, Carlisle, N. Y.

The seeds of house plants I had of you gave me the greatest pleasure. I had 110 plants of Gloxinias, and I think every seed of the Cineraria came up. Calceolaria and Begonia gave the best of satisfaction. Your seeds will all germinate if care is taken to plant them properly.—MRS. TENAH LEWIS, Cumberland Mills, Me.

TUBEROUS BECONIAS.

The Tuberous Begonia is one of the handsomest and easiest grown of all house plants, and they also do well bedded out in a partially shaded situation. The plants are a mass of bloom from June to November. The flowers, which are both single and double and from three to six inches in diameter, are of a great variety of colors—white, various shades of yellow, and every shade of red from pink to scarlet and deepest crimson. There is a richness and elegance about their flowers peculiarly their own and their exquisite beauty is not surpassed by any flower, not even Orchids; and the foliage is as beautiful as that of many kinds of Begonias grown for beauty of foliage alone. They are unequalled for the decoration of the house or conservatory during the spring, summer and fall months. The seeds germinate easily and quickly, but being very small must be sown with care, as directed for Gloxinias and Calceolarias. If wanted to flower the first season, sow in January and February, but if sown at any time up to June they will form tubers for the next season's flowering. The tubers will keep safely over winter in dry earth in a cool cellar free from frost. They require about the same treatment as Gloxinias, and are greatly benefitted by frequent applications of liquid manure when in flower. The seeds I offer were saved from the very best European and American strains and will produce flowers of the largest size and greatest variety of colors.

BEGONIA gigantea, International strain, single varieties mixed, per packet 20
Double varieties, mixed, per packet 35

VEGETABLE SEEDS.

I do not offer a long list of varieties, but only such as experience has shown to be the best—the cream of a large number of old and new varieties. My stocks are obtained from the most reliable sources and are of as good quality as any put up by any seedsman. They are put up in large packages, three packages of such things as cucumbers, melons, squashes, beets, turnips, etc., containing about an ounce, and three of corn, beans, and peas, about one-half pint. The price of all varieties is five cents per package. Those who want more than one package of a kind may have three of *any one variety* for ten cents.

BUSH BEAN. Black Wax, very tender, and keeps in bearing a long time.
Dwarf Horticultural, one of the very earliest and best for shelling, either green or dry.
Boston Favorite, very large; one of the best bush sorts.
POLE BEAN, Horticultural or Speckled Cranberry, an old, well-known sort.
Challenger Lima, the best of the pole Limas.
SWEET CORN, Cory, a week earlier than any other variety.
Marblehead, follows the Cory in earliness.
Crosby, very sweet, and the best second-early sort.
Black Mexican, follows Crosby in maturing; very tender and sweet.
Potter's Excelsior or Squantum, the sweetest and tenderest of all varieties; a little later than Mexican; large ears.
Evergreen, an old standard sort.
Mammoth Sugar, latest and largest of all.
By planting a patch of each of the above sorts at one time a complete succession can be had from earliest to latest.
PEA, McLean's Little Gem; earliest and best of early wrinkled sorts; two feet tall.
Abundance, a remarkably productive second-early sort, first quality; three feet.
Champion of England, best of all for late crop; four feet tall.
POP CORN, New Golden, very large and tender when popped.
BEET, Egyptian Blood Turnip, very early.
Eclipse, very early, round and smooth, fine-grained and sweet.
Early Bassano, very early, tender and sweetest of all early sorts.
Early Blood Turnip.
Long Blood Red, for winter.
Imperial Sugar, the sweetest of all sorts, and best for winter if sown late.
ASPARAGUS, Conover's Colossal, the best variety. Soak the seed well and sow in drills two inches deep.
SUMMER CABBAGE, Early Winningstadt, one of the most reliable for heading.
Selected Early Wakefield, standard market variety.
Henderson's Early Summer, extensively grown for market.
WINTER CABBAGE, Warren's Stone Mason, very popular among Boston market gardeners nearly every plant being sure to head.
Marblehead Mammoth, the largest of all; has been grown to weigh 60 lbs. each.
Fottler's Brunswick, popular for market.
Premium Flat Dutch, old standard sort.
Mammoth Rock Red, the largest and finest of red sorts, averaging 12 lbs. each.
Netted Savoy, the best in quality of all.
CALIFLOWER, Henderson's Early Snowball, the best and most reliable variety, nearly every plant producing a good head.
CARROT, Early Oxheart, one of the best.
Early Horn, very early.
Half-long Red Stump-rooted, the best, second early sort.
Danvers Orange, an improvement on the old Long Orange.
CELERI, Boston Market, one of the best.
White Plume, crisp, solid and fine flavor, easiest of all to grow.
Major Clark's Pink, of better flavor than the white sorts, crisp and solid.
CITRON, California Mammoth, the largest variety grown.
CRESS or PEPPER GRASS, extra curled.
CUCUMBER, Early Russian, the earliest. Early Cluster, very early.
White Spine, handsome and smooth.
Green Prolific, very productive.
Nichol's Medium Green, very productive and one of the very best for table use or pickles.
Giant Pera, the largest of all, growing to a length of 15 to 20 inches.
DANDELION, Large-leaved, leaves and plants double the size of the common; cultivated for spring greens.
EGG PLANT, New York Purple.
KOHL RABI, Early Purple.
LETTUCE, Early Tennis Ball, (black seed) the best early sort.
Henderson's New York, very large heads one of the best summer varieties.
The Deacon, the most reliable of all for summer, every plant forming a good head and slow to run to seed.
MUSK MELON, Hackensack, a very popular variety.
Nutmeg, small, rich, and sugary.
Montreal Market, very large, round; thick green flesh of good quality.
Perfection, one of the very best; flesh very thick of an orange-salmon color, very rich and sweet.
Emerald Gem, yellow flesh, very rich flavor.
WATER MELON, Phinney's Early, very early prolific, rich and sugary.
Peerless, very early and productive; the richest and finest flavored of all.
MUSTARD, White London.
ONION, Early Red, very early.
Wethersfield Large Red.
Danvers Yellow Globe, largely grown for market.
White Globe, very large, mild flavor, one of the best.
PARSLEY, Emerald, very finely curled.
PARSNIP, The Student, a very sweet variety.
PEPPER, Tomato-formed.
Sweet Mountain or Mammoth, very mild.
Golden Dawn, very large, golden yellow.
Ruby King, very large and mild.
PUMPKIN, Sugar, the sweetest and best for pies.
Jumbo, the largest variety; has been grown to weigh 200 lbs.
RADISH, Red Turnip, early and tender.
Long Scarlet early and good.
Chartier, very large and tender.
French Breakfast, of quick growth.
Chinese Rose Winter, for winter use.
RHUBARB, Linnæus, the best sort.
SPINACH, Round Leaf, the best for spring or fall sowing.
SUMMER SQUASH, Yellow Bush Scalloped, Bush Crookneck.
WINTER SQUASH, Hubbard, the standard of excellence.
Marblehead, better than Hubbard in some respects.
Bay State, remarkably productive, and one of the very best of the winter sorts.
Cocoanut, a nice little squash; very prolific, and succeeds where others fail; fine-grained and sweet.
SALSIFY or VEGETABLE OYSTER. This should have a place in every garden. It is a delicious vegetable and is used in soups, also boiled and fried, and has the flavor of oysters. Sow and cultivate like parsnips. The roots may remain in the ground all winter for spring use.
Mammoth Sandwich Island, the largest and best variety.

TOMATO, The Favorite, early, of good size, very solid, round and smooth as an apple and of first rate quality.

Beauty, a large and very handsome sort of a peculiar pinkish-red color; very smooth and solid; one of the very best.

Champion, early, of best quality and remarkably smooth and solid.

Strawberry or Winter Cherry, a distinct species, the fruit growing in a husk and about the size of cherries, and has the flavor of strawberries; excellent for canning, and the fruit can be kept fresh in a dry place all win-

ter. Culture like the common tomato.

TURNIP, ENGLISH, Early White Flat Dutch one of the best.

Strap-leaf Red Top, early and good.

Yellow Globe, excellent, large, yellow.

White Egg, one of the best for the table.

WINTER TURNIP, Swede or Russian, White Sweet, the best for table use.

SWEET MEDICINAL and POT HERBS: Sweet Basil, Caraway, Coriander, Catmint, Hoarhound, Lavender, Sweet Marjoram, Tansy, Thyme, Wormwood, Summer Savory.

RECENT INTRODUCTIONS OF SPECIAL MERIT.

BEAN, Burpee's Bush Lima. This is about 1½ feet high, and branches so vigorously that each plant forms a circular bush from two to three feet in diameter, each plant bearing from 50 to 100 large pods well filled with beans which are exactly the same in size and quality as the Large Pole Lima. Any one can now raise an abundance of the delicious Lima beans without the expense and labor of using poles. Price 10 cents per packet; three, 20 cents.

BEAN, Dreer's Bush Lima. It grows in true bush form like Burpee's Bush Lima, but the beans are thicker and a greater number in the pods and of the finest flavor. 10 cents per packet; three for 20 cents.

BEAN, Henderson's Dwarf Lima. This is in my opinion the most valuable of the Bush Limas for culture where the seasons are short as it is *two weeks earlier than any other Lima Bean* and so hardy that, with good soil, it is as easy to grow as any of the common bush beans. The beans are not so large as the large Limas but fully equal to them in quality and so prolific that a small patch will bear all an ordinary family will want for two months. 10 cents per packet; three, 29 cents.

BEET, Columbia. This is fully as early as Egyptian, is turnip-shaped with dark red flesh, and keeps tender and fit for the table for a long time. Packet, 5 cents; four for 15 cents.

CELERI, Pink Plume. This is similar to the popular White Plume in being self-blanching but the stalks are suffused with pink, and is of better quality. 5 cents per packet; 4 for 15 cents.

CELERI, Golden Self-blanching. This is considered by many the best celery in cultivation; solid, crisp and of delicious flavor. 5 cents per packet; four packets for 15 cents.

CABBAGE, Burpee's Allhead. The earliest of all large varieties and larger than any other early sort. 5 cents per packet; four, 15 cents.

CUCUMBER, White Wonder. A remarkably handsome variety of medium size, of a clear ivory white at all stages of its growth. 5 cents per packet; four for 15 cents.

CUCUMBER, Evergreen. This new sort is one of the very best for slicing and possesses every qualification required for a perfect pickle cucumber, being very hardy, very early, evergreen and wonderfully prolific. Packet, 5 cents; four packets for 15 cents.

LETTUCE, 'Iceberg'. A very quick growing sort with large, handsome heads and curly leaves, very tender and crisp. 5 cents per packet; four for 15 cents.

ONION, The Prize Taker. A globular, straw-colored variety of immense size, specimens having been grown to weigh four to five pounds each; of mild flavor. 10 cents per packet; three for 20 cents.

MUSKMELON, Netted Gem. This variety first introduced nearly 20 years ago has become famous within the past few years under the name of Rocky Ford. The melons are of medium size, roughly netted and the best in quality of all the green fleshed sorts. Extra selected seed, 5 cents per packet; four 15 cents; ½ lb. 30 cents; 1 lb. \$1.00.

MUSKMELON, Osage. This is without exception the finest of all the large salmon-fleshed melons. The flesh is often 2½ inches thick, of a deep rich salmon color and the sweetest and richest of the salmon-fleshed sorts unless it is the Paul Rose. The best of all for market where a large melon is required. Extra selected seed, 5 cents per packet; 4 for 15 cents; ½ lb. 30 cents; 1 lb. \$1.00.

MUSKMELON, Paul Rose. This superb new sort is a cross between the Netted Gem and Osage. It is the shape of Netted Gem, very uniform, about 5 inches in diameter, ribbed and fine netted. The flesh is thick, of a rich deep orange color, and for rich delicious flavor is not equalled by any other. It is a splendid market sort and just the right size for the table. Extra selected seed, per packet, 5 cents; 4 for 20 cents; ½ lb. 50 cents; 1 lb. \$1.60.

WATERMELON, Kleckley Sweets. After testing all the varieties introduced to date, I unhesitatingly pronounce this to be the richest, sweetest variety of all. It is oblong in shape, of large size, dark green with remarkably thin rind, and bright scarlet flesh, very melting and entirely free from the stringiness so common in many varieties. 5 cents per packet; 4 for 15 cents; ½ lb. 30 cents; 1 lb. 80 cts.

WATERMELON, Sweet Siberian. A very fine new early variety of Russian origin. It is of a dark green color of medium size, with rind less than half an inch thick. The flesh is of a rich orange buff color, very sweet and entirely distinct from common melons. 10 cents per packet; 3 for 20 cents.

SQUASH, Golden Hubbard. This is one of the best winter varieties I have ever tried. It is a sport of the Hubbard and is a perfect type of the parent except in color, which is a bright deep orange yellow, very showy and attractive. Flesh deep golden yellow, richer in color than the Hubbard, very fine-grained remarkably dry and sweet. It has a very hard shell, is a good keeper and earlier and more productive than the Hubbard. As soon as its many good qualities become known it will undoubtedly become one of the leading fall and winter varieties. 5 cents per packet; four for 15 cents.

RADISH, Earliest Button. The quickest growing of all sorts, maturing fit for the table in 23 days; mild and crisp. 5 cents per packet; four for 15 cents.

SWEET CORN, First of all. The Cory has for several years stood at the head of the list for earliness, but this new variety, "First of All," in many trials in various parts of the country proved to be from *four to six days* earlier than the Cory. It is very productive, ears of medium size and often have ten or twelve rows, while it is fully equal to Cory in quality. 10 cents per packet; three for 20 cents.

TOMATO, Early Imperial. All things considered this is the best early variety. It is very early, of good size, smooth, solid of the finest quality and a great bearer. 5 cents per packet; four packets for 15 cents.

AQUATIC PLANTS.

The cultivation of water plants has increased very rapidly during the past few years. Grand displays of them are now made in the public parks of nearly all the large and some of the smaller cities, where they always attract the admiration of crowds of visitors. No more attractive feature can be added to any private place than a water garden, and no other class of plants will give so much pleasure to the owner or require so little care when once properly started. Those who have a warm, shallow pond, with a rich, muddy bottom, can cultivate them with trifling expense. Artificial ponds or tanks can be constructed of any size or shape desired by excavating the soil to a depth of two feet, covering the sides with an inch of cement. They can also be grown with good success in tubs made by sawing barrels or hogsheads in two. The soil for all kinds of aquatics should be composed of equal parts of good loam and old thoroughly decayed stable or cow manure, well mixed. Put 8 to 12 inches of this in the bottom of the tank or tubs, *firmly packed down*, then cover with two inches of sand or fine gravel to keep the soil down. After planting the roots fill up with 6 to 12 inches of water, which is ample and better than more. The water should be changed several times during the summer. Tanks or tubs should be placed where they will get the benefit of the sun for at least 6 or 8 hours during the day. Move tubs to a cellar in winter and cover tanks with boards, leaves or straw to keep out severe frost. The best time to move and plant all kinds of water plants in the open air is about the first of June and none of the tender kinds should be put out any earlier in this latitude.

My collection of ornamental aquatics is one of the finest in this country and my exhibits of them at the horticultural shows in Boston and Springfield have been awarded FIRST PRIZES and attracted much attention.

ORDER EARLY. As stock of some of the choicest kinds is limited, orders should be sent as early as convenient, which we will book and fill at the proper time for planting. Varieties marked with a * can usually be supplied at all seasons of the year.

AQUATIC PLANTS AND THEIR CULTURE.

An essay on this subject by L. W. Goodell, read before the Mass. Horticultural Society at Boston March 11, 1893. A pamphlet of sixteen pages. Price ten cents, or it will be sent gratis to those who order aquatic plants from this Catalog amounting to 50 cents or more and ask for it.

NYMPHAEAS OR WATER LILIES.

TENDER NYMPHAEAS.

These although of tropical origin grow freely and flower profusely from July to frost in the open air anywhere in this country, and they may be flowered in warm green-houses all winter.

DAY-BLOOMING VARIETIES.

The flowers of the following open about 8 A. M. and close about 3 P. M.



NYMPHAEA Zanzibarensis vars. These are very easily grown in tubs, tanks or ponds and are very satisfactory. (For full description see page 6.)

N. Zanzibarensis (*The Royal Purple Water Lily*). This is the typical variety and is of a deep rich blue, almost purple. \$2.00 each.

N. Zanzibarensis superba. A magnificent new variety, and the darkest colored form of this species yet produced, a rich deep royal purple, the sepals edged with crimson. It was awarded a medal at the World's Fair. \$5.00 each.

N. Zanzibarensis azurea (*Blue African Water Lily*). Fine plants in May and June which will begin to bloom in 30 to 40 days after planting, 50 cents each; two for 90cts. \$5.00 per doz.

N. Zanzibarensis rosea (*Red African Water Lily*). Fine plants in May and June, 50 cents each; two for 90cts. \$6.00 per doz.

N. scutifolia. A fine species from South Africa with flowers four to six inches across, pale blue or lavender shading to white in the center; free-blooming and easily grown. 50 cents each; two for 90cts; \$5.00 per doz.

N. stellata (*Egyptian Water Lily*). A very free-flowering species, the flowers five to six inches across and of a beautiful sky blue. \$1.00 each.

N. elegans. A pretty species from New Mexico, white tinted with purplish blue. \$1.00.

N. gigantea (*Australian Water Lily*). A magnificent species with large purplish blue flowers, shading to white in the center. Very rare and scarce. Price \$2.50 each.

N. gracilis. A new species recently introduced from Mexico; flowers four or five inches across, white tinged with lilac blue, very easy to grow, flowering freely all summer. 75cts.

N. Mexicana (*Mexican Water Lily*). The flowers of this choice variety are three inches across and of a rich golden yellow color and are produced freely through the season. 50 cents.

N. flava. This is a native of Florida and resembles *Mexicana* in all respects except that it does not flower well at the north. 25 cents each

NIGHT-BLOOMING VARIETIES.

The flowers of the following open about sunset and remain open until nearly noon the next day.

NYMPHAEA Devoniensis. This is perhaps the choicest and most gorgeous Water Lily in cultivation. The flowers, which are of a brilliant rosy red with scarlet stamens, will with liberal treatment attain a diameter of 10 or 12 inches. It blooms very freely, from four to ten flowers often opening on a plant at one time. Fine plants in May and June. 50cts each.

N. rubra (*East Indian Water Lily*). This closely resembles *Devoniensis*, but the flowers are more cup-shaped. 75 cts.

N. Sturtevanti. This also resembles *Devoniensis* but the flowers have more petals and are more cup-shaped, and it is not so free-flowering. \$2.00 each.

N. dentata (*White African Water Lily*). The largest and finest white variety known; flowers as large as those of *Devoniensis* and of a chalky white. It is very easily grown, blooming freely all summer, and should be in all collections. Plants in May and June, 50 cents each; two for 90cts. \$5.00 per doz.

N. lotus. A large fine species from lower Egypt with white flowers. \$1.00 each.

N. ampla speciosa. A pretty species from Jamaica, with yellowish white flowers four inches across. \$2.00 each.

N. Deaniana. Deep rose pink, \$1.50 each.
N. delicatissima. Large, delicate pink \$1.50.
N. Columbiana. Deep carmine crimson, \$1.50.
N. O'Marana. Flowers 10 to 11 inches across, rosy red, \$2.50.
N. Smithiana. Very large, delicate pink, \$1.50.
N. rubra rosea. Very large, deep rosy carmine. \$2.00.
N. Kewensis. Beautiful, rosy red. \$1.50 each.
Victoria regia. (*The Royal Water Lily.*) The Queen of water lilies and the largest aquatic plant known, the leaves being 6 to 8 feet across and the flowers 12 to 16 inches, white changing to pink, very fragrant. \$5.00 to \$10.00 each.
V. Randi. Similar to *regia*, except that the leaves have a vertical rim 3 inches high, and the flowers turn to a deep crimson. \$5.00 to \$10.00 each.
V. Trickeri. A new variety, blooming earlier, harder and more easily grown than other *Victoria*s. \$5.00 to \$10.00 each.

HARDY WATER LILIES.

These will bear the winter in the open air in any part of the U. S. and are very easily grown in ponds, tanks or tubs. The roots I send out are usually in bud and are sure to flower the first season.

NYMPHAEA odorata. The common native Water Lily of the Eastern States. Price 20 cents each; three for 50 cents; seven for \$1.00; \$1.50 per doz; 15 for \$2.75; 50 for \$5.00; \$9.00 per 100; \$75.00 per 1000.
N. o. maxima. Larger flowers than the above 50 cents.
N. o. gigantea. A large-flowered variety from Florida. 20 cents each.
N. o. minor. Very pretty small flowers. 20 cts.
N. o. rosea. This is the rare pink variety, sometimes called the Cape Cod Pink Lily, and is the most lovely of all the hardy varieties. It begins to bloom earlier in the season and continues to bloom later than the common variety and is of a lovely pink or rose color. 35 cents each; three for \$1.00; seven for \$2.10; 30 for \$10.00; \$27.00 per 100; \$250.00 per 1000.
N. o. exquisita. Deep rosy carmine, \$1.50.
N. o. sulphurea. Large yellow flowers, 50 cts.
N. o. Caroliniana. Very large, delicate salmon pink. Extra fine. \$1.50 each.

NEW HARDY WATER LILIES.

NYMPHAEA Laydekeri lilacea. Flowers, lilac-rose, shaded bright carmine. Price, \$2.00 each.
N. Laydekeri purpurata. Flowers similar to *lilacea*, but of a wine red color, shaded deep crimson. A very free-flowering and extra fine variety. \$2.00 each.
N. Robinsoni. This is a magnificent variety, large flowers, vermillion red on a deep yellow ground. \$2.50 each.
N. Marliacea flammea. A magnificent flower of a lilac carmine color. \$10 each.
N. orodorata luciana. Similar to N. o. *Caroliniana*, except in color which is rosy carmine Extra fine. \$1.50 each.
N. Wm. Doogue. Flowers 5 to 6 inches in diameter, of a beautiful shell-pink color. \$5.00 each.
N. Wm. Falconer. This is the largest and most brilliant dark-colored water lily ever produced. It is from 6 to 7 inches across of an intense bright garnet color with a rich golden center. Price \$25.00.
N. Marliacea rubra punctata. Very large deep rosy purple flowers with orange stamens. \$8.00 each.
N. fulva. Flowers pale yellow with bright red and golden yellow stamens. \$10.00 each.

NEW TROPICAL WATER LILIES.

N. Wm. Stone. A fine variety of a rich violet-blue, shaded amaranth with purple stamens and yellow center. \$3.00 each.
N. Geo. Huster. A magnificent variety with very large brilliant crimson flowers. \$3.50 each.
N. pulcherrima. The flowers of this variety are from 10 to 12 inches across of a bright violet blue with yellow stamens, and it is one of the largest and finest of the blue varieties, \$2.00.
N. jubilee. A grand pure white flower, the base of the outer petals faintly tinged with pink \$2.00 each.

Orders for Aquatic plants will be filled only in May and June, which is the best season of the year for transplanting them. No order for these filled for less than 50cts., unless 10 cts. extra is added for postage and packing.

N. tuberosa. The native Western variety. Large, white. 20 cents each.
N. tuberosa rosea. Large, fragrant, pink flowers. 75 cts.
N. Richardsoni. Very large, white, and so double that they resemble snow-balls. 50 cts.
N. Laydekeri rosea. One of the finest and rarest of the hardy sorts, the flowers 3 inches across, varying in color from pale pink to deep rose on the same plant. \$2.50 each.
N. alba. The native European sort, white. 50c.
N. alba rosea. A pale rose color. \$5.00 each.
N. alba candidissima. This is a large-flowered variety of the above and the finest of all hardy varieties. It is much better than our hardy variety, beginning to flower earlier and continues to bloom till frozen up in the fall. The flowers are pure white, the petals being very broad and much more waxy than those of *N. odorata* and in rich soil will grow up to six or seven inches across. 50 cts each.
N. Gladstoniana. A new variety of *alba* of a glistening white, and blooms earlier and later in the season. \$1.00.
N. Marliacea chromatella. (*Marliac's Yellow Water Lily.*) This lovely variety is perfectly hardy and truly a gem. The plant has the vigorous habit of *alba candidissima*, and it flowers every day from May to October, an established plant often having a dozen or more open at one time. The flowers fragrant, four to seven inches across, with broad waxy petals of a beautiful sulphur yellow color with bright orange stamens. 50 cents each; three for \$1.30; six for \$2.50; 25 for \$10.00; \$35.00 per 100.
N. Marliacea rosea. One of the choicest of the hardy varieties. The flowers are as large as those of *chromatella* but of a soft rose color. It is of the same free-flowering vigorous habit \$1.25 each.
N. Marliacea carnea. A delicate blush. 75 cts.
N. Marliacea albida. Pure paper white. 75cts.
N. candida. White. From Bohemia. \$1.00.
N. pygmaea. A native of Siberia, and the smallest of all. White. 50 cents.
N. pygmaea helvola. Small deep yellow flowers in abundance. 50 cts.

THE LOTUS OR NELUMBIUM.

Few are aware that the gorgeous "Sacred Lotus" of the Hindoos is perfectly hardy every where in this country and will grow and bloom in any warm pond having a rich mud bottom, where the water is not over two feet deep. A single root will spread so fast that in a few years the plants will cover an acre. It can also be grown and flowered in large tubs, cemented tanks or artificial ponds. The flowers are 10 to 12 inches across and are borne on long stems two or three feet above the surface of the water. Orders for roots will be filled about the first of June, which is the only season they can be transplanted. Large tubers which can only be sent by express at purchaser's expense, will flower the first year. Smaller tubers will be sent by mail post-paid. Price, \$1.50 each; \$15.00 per dozen.

NELUMBIUM roseum. (*Japanese Lotus.*) Flowers of a deep rose pink color. This is the best variety when only one can be grown.

N. speciosum. (*Egyptian Lotus.*) Flowers pink or rose color shading to white at the base.

N. luteum. Sulphur yellow flowers.

N. album striatum. Flowers white, the tips of petals striped with rose.

N. grandiflorum album. Large pure white flowers.

N. Shiromani. A superb variety with snow white large and double flowers. \$5.00 each.

N. Kinshiren. A distinct and beautiful sort. Flowers white, shaded pink. \$1.50 each.

N. Pekinensis rubrum. This is the darkest colored of any variety of Lotus. \$3.00 each.

N. roseum plenum. Large double bright rose colored flowers. \$3.00 each.

N. pygmæa alba. A dwarf variety only 12 to 18 inches tall. Particularly fine for tubs. White flowers. \$2.00 each.

MISCELLANEOUS AQUATICS.

These should be planted near the margins of ponds where water is not more than six or eight inches deep.

TENDER VARIETIES.

These will not stand the winter and should be wintered in the house.

CYPERUS papyrus. The Egyptian paper plant from which the ancient Egyptians made paper; 6 to 8 feet tall with palm-like foliage. 25 cents each.

C. alternifolius. Similar to the above but only 2 to 3 feet tall. 20 cents.

EICHORNIA crassipes major. (*Water Hyacinth.*) Spikes of beautiful pale blue flowers resembling the Hyacinth. 15 cents each; \$1.50 per dozen.

E. azurea (*Blue Water Hyacinth.*) Deep blue flowers. 25 cents each.

JUSSIEA longifolia. 2 to 3 feet tall, rich golden yellow flowers, 25 cents.

LIMNANTHEMUM Indicum. (*Water Snowflake.*) Pure white, star like fringed flowers floating on the surface. 25 cents.

L. Humboldti. (*Water Poppy.*) A very showy variety with an abundance of large golden yellow flowers resembling those of the California Poppy. 15 cents each; \$1.50 per dozen.

L. Plumieri. One or two feet tall with spikes of lemon yellow flowers. 25 cents.

MYRIOPHYLLUM proserpinacoides (*Parrot's Feather.*) Long stems which trail on the surface and are covered with beautiful finely cut leaves like the Cypress Vine. A fine house plant if planted in a water-tight hanging pot or basket so the stems can trail over the side. 10 cents each, 3 for 25 cents.

PISTIA stratiotes. Curious floating plant with rosettes of yellowish green velvety leaves. 15 cents each.

SAGITTARIA Montevidiensis (*Giant Arrowhead.*) Very large arrow-shaped leaves 3 to 5 feet tall, the flower scapes bearing large white flowers with dark spots at the base. 20 cents.

S. lancifolia. Long lanceolate leaves, the flower with scape 3 to 5 feet tall and covered with large white flowers. 20 cents each.

S. graminea. Grass-like leaves and small white flowers. 15 cents each.

OUVIRANDRA fenestrata (*Lace-leaf Plant.*) A very large and singular plant, the leaves being a perfect network like skeletonized leaves. \$2.50 each.

HARDY VARIETIES.

These will stand the winter in open ponds everywhere.

ACORUS Japonica variegata. This is the finest hardy variegated-leaf plant in cultivation. The leaves are a foot long and sword shaped, one half of each leaf from base to tip being green, the other half pure white. Will grow in moist soil anywhere and is also a fine pot plant. 20 cents each, three for 50 cents.

A. gramineus variegatus. Similar to the above, but of dwarf growth. Elegant for pots. 25c.

APONOGETON distachon (*Cape Pond Weed.*) A fine aquatic with floating leaves and spikes of pure white very fragrant flowers. 35 cents each.

BRASINA paltata (*Water Shield.*) Purple flowers, 10 cents each.

CALTHA palustris (*Marsh Marigold.*) Showy yellow flowers, 10 cents each.

C. palustris fl. pl. (*Double Marsh Marigold.*) 25 cents.

LIMNANTHEMUM nymphæoides (*Villarsia.*) Small golden yellow flowers. 15 cents.

L. lacunosum (*Floating Heart.*) White flowers, 15 cents.

ORONTIUM aquaticum (*Golden Club.*) Spikes of small yellow flowers. 15 cents.

PELTANDRA Virginica (*Water Arum.*) Greenish flowers, 15 cents.

PONTEDERIA cordetta (*Pickeral Weed.*) Two feet tall, spikes of showy blue flowers. 15 cents.

P. cordata alba. A new variety of the above of which I have the entire stock and now catalog it for the first time. The flowers are white tinged with pink. 25 cents each.

SAURURUS cernuus (*Lizard's Tail.*) Racemes of fragrant white flowers; $2\frac{1}{2}$ feet tall, 20 cents each.

SCIRPUS Tabernæmontana (*Porcupine Plant.*) 3 to 4 feet tall, the leaves are variegated with bands of white. 15 cents each.

SAGITTARIA Japonica fl. pl. 2 feet tall with large spikes of very double white flowers. 20 cts.

TYPHA latifolia. Our native Cat tail. 15 cents.

ZIZANIA aquatica. (*Wild Rice.*) Very ornamental with panicles of bloom on stalks 10 feet high. 10 cents each; 75 cents per dozen.

"In all the fifteen years or more that I have had your seeds I have never had a failure. Such Pansies and Asters as yours I never saw before."—JULIA H. HOWE, East Bridgewater, Mass.

"I had my first seeds from you 18 or 20 years ago and have ordered almost every year since. I have always found your seeds the very best and more in a packet than I ever got from any other dealer."—MRS. MATE HASKELL, Wrights, Pa.

"I certainly must have been buying my seeds of you nearly or quite 20 years. It goes without saying that I should not have kept up my patronage had not my dealings with you been satisfactory. I trust that our relations may be as satisfactory for years to come as in the past."—C. G. TROW, Sunderland, Mass.

"It is 10 or 12 years since I first had seeds from you and I hope to send as many more years, as all I get from you are perfectly satisfactory."—MRS. WESLEY H. WHEELER, Keene, N. H.

"It is 21 years ago that I saw your advertisement and sent my first order and I never had nicer flowers than those I got from your seeds then and since."—MRS. H. D. BUNKER, Ekridge, Kansas.

"I have bought seeds from you for about 15 years and have always found them of the best and have sent my order to you every year. My flower garden last year was the best I ever saw in my life and people flocked to see it for miles around."—MRS. BENJ. DUTTON, Birtle, Manitoba.

"I have had a few seeds from you nearly every year for 18 years. I am always sure of getting just what I send for and although my orders are small they always receive prompt attention and the seeds always germinate."—BINA L. BROADRICK, Oneida, N. Y.

"I have used your seeds every year for more than 20 years and they have always proved all you claimed them to be."—MRS. EVA A. BOND, East Jefferson, Me.

"It is more than twenty years since I sent you my first order for seeds, a collection advertised in a paper, and I have always found your seeds superior to any others. We had a friend in a Boston seed store who sent us a great many seeds but none so good as yours."—MRS. S. M. MYERS, Shelby, Vt.

"I have been buying your seeds for eighteen years or more and have they always given satisfaction."—MRS. G. W. SEDGLEY, Winthrop, Me.

"It was seventeen years ago that I obtained my first seeds from you, a 25-cent collection, and they were nice, and since that time I have had nearly all the varieties in our Catalog and have had the best success with them of any I have ever tried."—MRS. SHELDON MCKAY, Staples, Minn.

"I have used your seeds for fifteen years. They have always given satisfaction and I have recommended them to all my friends."—MARY ADAMS, Jamaica Plain, Mass.

"You sent me last spring with your catalog a packet of Henders Hybrid Amaranth. The seeds came up well and the plants are the wonder of the neighborhood this summer, and there has been much enquiry as to where the seed could be obtained. The plants are four feet tall with leaves beautifully variegated and marked with color, with a crown of brilliant red foliage."—M. B. HUBBARD, Lawrence, Mass.

"Your flower and vegetable seeds are all you claim for them, and more; every seed comes up. My Pansies and Asters were very beautiful last summer, in spite of the dry weather, and the Cauliflower and Lettuce were the nicest of any around here."—MRS. V. F. ROBERTS, Lyndock, Ont., Canada.

"Last year I bought your Ruby Verbenas and must say that I never saw finer flowers or prettier colors and they were admired by all who saw them."—MRS. MINNIE RONSDAILE, Camden, O.

"I had some of your Dahlia seeds last season and they were the best I ever had. They were over fifty plants and thirty different varieties, all double but two and most of them very handsome and were in bloom only about a week later than those from tubers."—A. W. FIERCE, Taunton, Mass.

The Brazilian Morning Glory I purchased from you more than realized my expectations of it. It is all your catalog describes it to be. I set one plant on the west corner of the house and it climbed up a rose trellis 15 feet high and completely covered a balcony with its beautiful leaves. By the end of the season it had grown over 80 feet. It is quite the most satisfactory climber we have tried."—AGNES HUNT, Poughkeepsie, N. Y.

"I think it is sixteen years that I have purchased seeds and plants of you and they have always been first class. You have always filled my orders promptly and been more than liberal and I have received the most satisfactory treatment from you."—N. T. PATTERSON, Brooklyn, N. Y.

From GEO. B. LUCAS, Florist, Lansingburg, N. Y.—"Your strain of Pansy seed has always been first class. I have had seed from many others but none were equal to yours. All of your seed seems to germinate. I hope that by your honest dealing, it will bring you the success that you deserve."

WHAT FLORISTS SAY.

Florists are the most critical of all buyers of seeds and are the very best judges of what is really first class, and I have a good and increasing trade among them in Pansies, Asters, Verbenas, Cinerarias, Chinese Primroses and other florist's seeds. I have received hundreds of reports from them of which the following are samples:

From WILLARD BARRINGER, Florist, Dayton, Ohio.—"The Pansies grown from your Diamond strain were far ahead of any other I sowed this season. I had seed from ***, ** and *** for which great merit was claimed, but alongside of the Diamond would not hold a favorable comparison. I never raised larger flowers on good healthy plants, or such bright, distinct colors, shades and marking. They gave satisfaction to customers, and it was a real pleasure to offer them for sale."

From FRANK TERRADELL, Trenton, N. J.—"The Pansy seed I purchased from you was the finest I ever had. I had seed from half a dozen Pansy specialists, but your seed was far ahead of all. They were simply grand in every point that goes to make a perfect Pansy."

From MERWIN ALLEN, Florist, Northampton, Mass.—"Allow me to congratulate you on your success in producing such elegant strains of Pansies. I buy seed from all the pansy specialists, but none of them come up to yours in size, substance and richness of coloring, showing that rich velveteen appearance which others fail to produce."

From J. LASSEN, Florist, Indianapolis, Ind.—"I bought my Cineraria seed from you last year and had the finest plants grown here. I have had seeds from the best growers in Europe, but none equal to yours in size of bloom, colors and compact half-dwarf plants."



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GIANT JAPANESE MORNING GLORIES.

A few of the varieties in the collection brought from Japan by PROF. ISAAC GOODELL, engraved from photographs of flowers grown in Pansy Park,—reduced to about one-fourth their size. (See page 18 for history, descriptions and prices.)